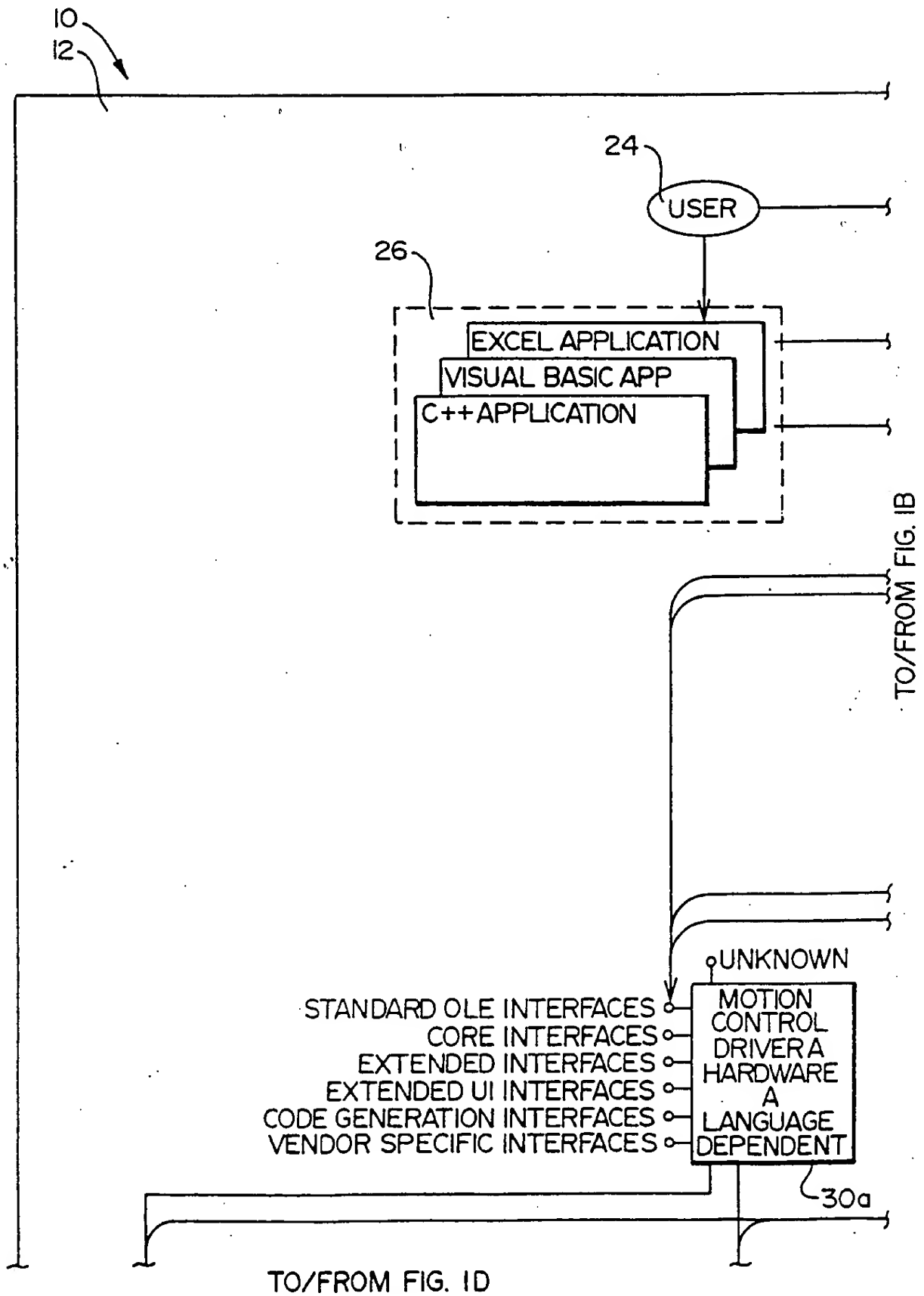
APPROVED BY DRAFTSMAN | O.G. FIG. 12 | CLASS 717 | SUBCLASS 107

FIG. 1A



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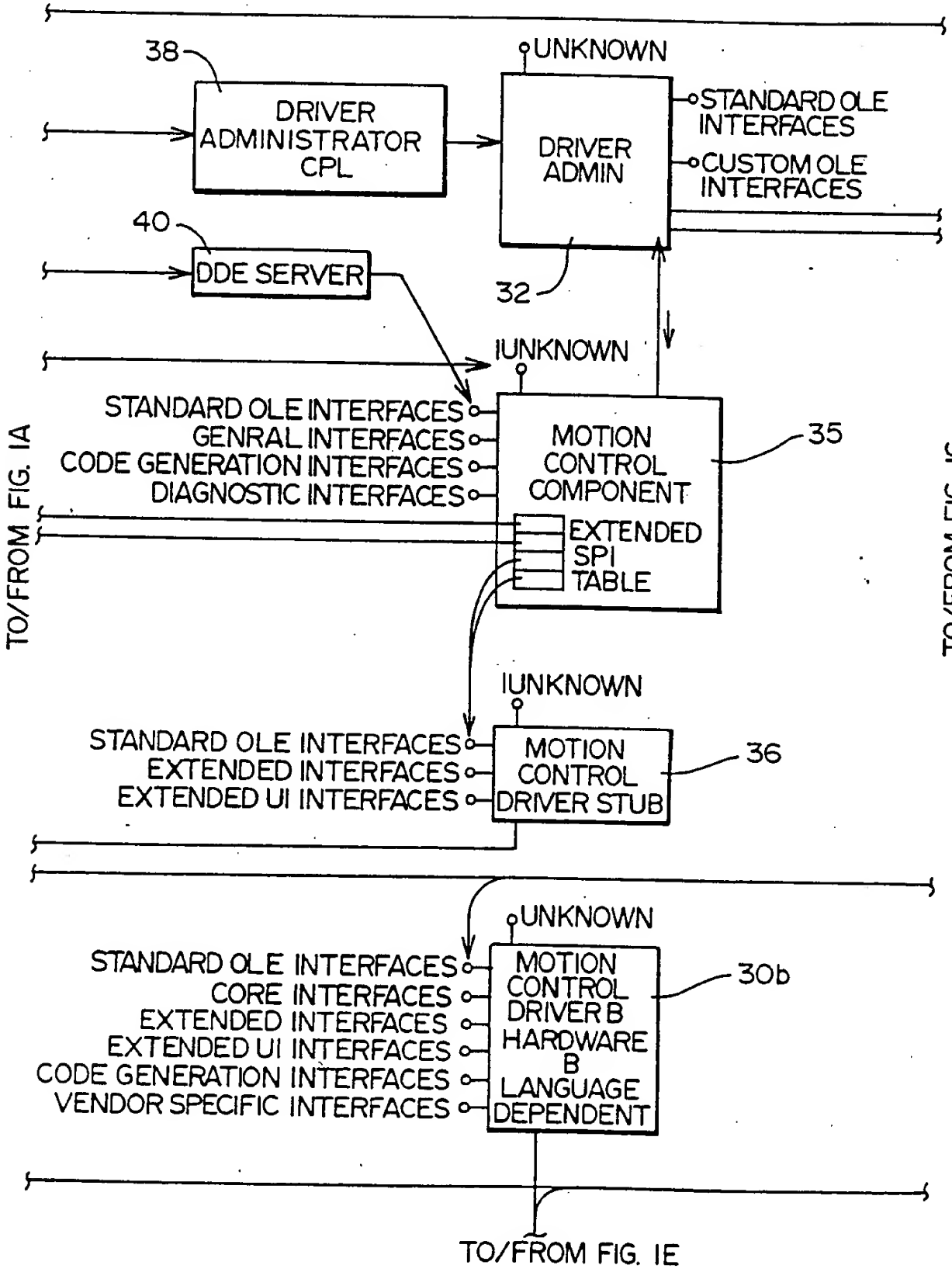
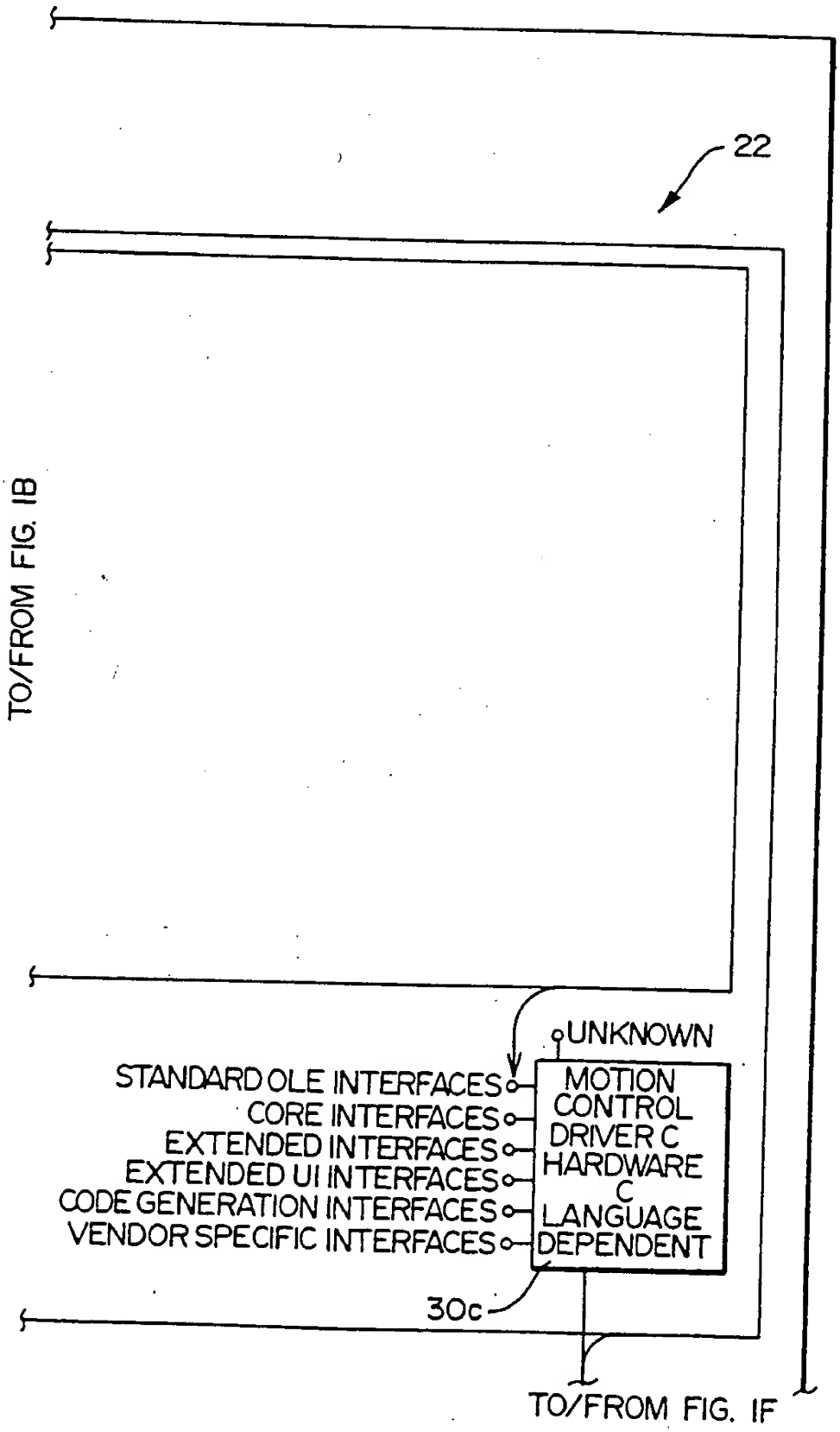
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 1B



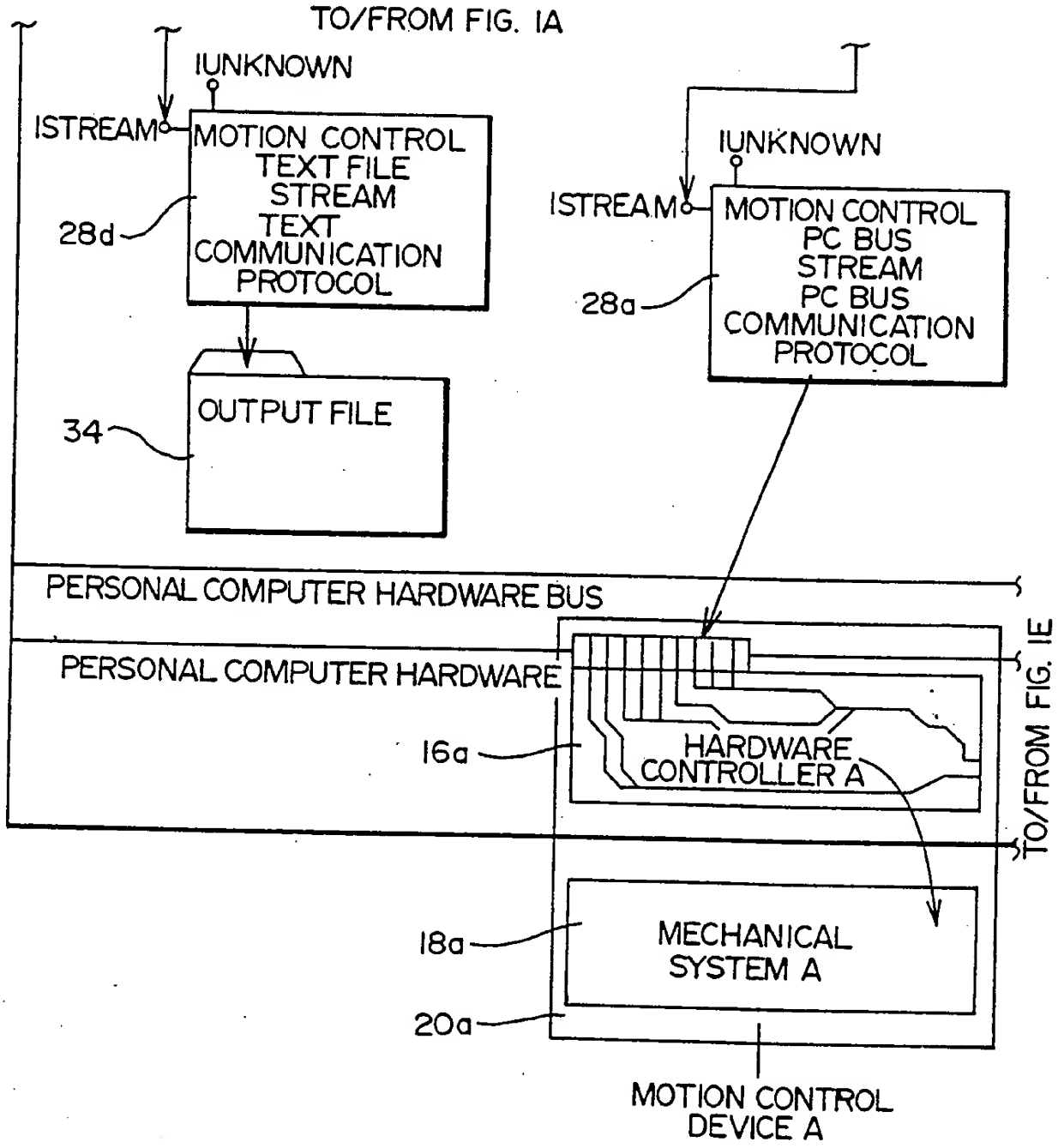
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. IC



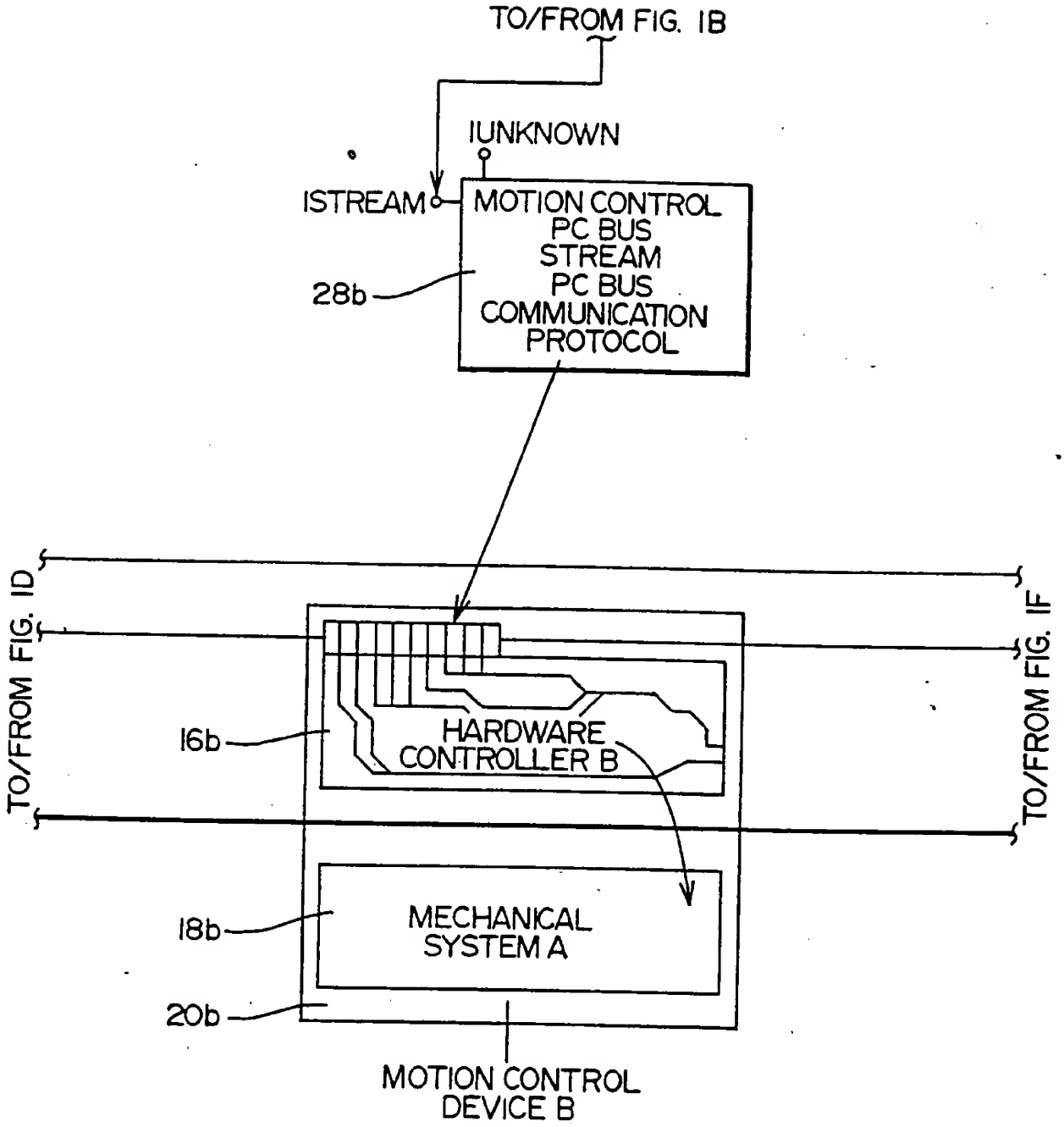
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. ID



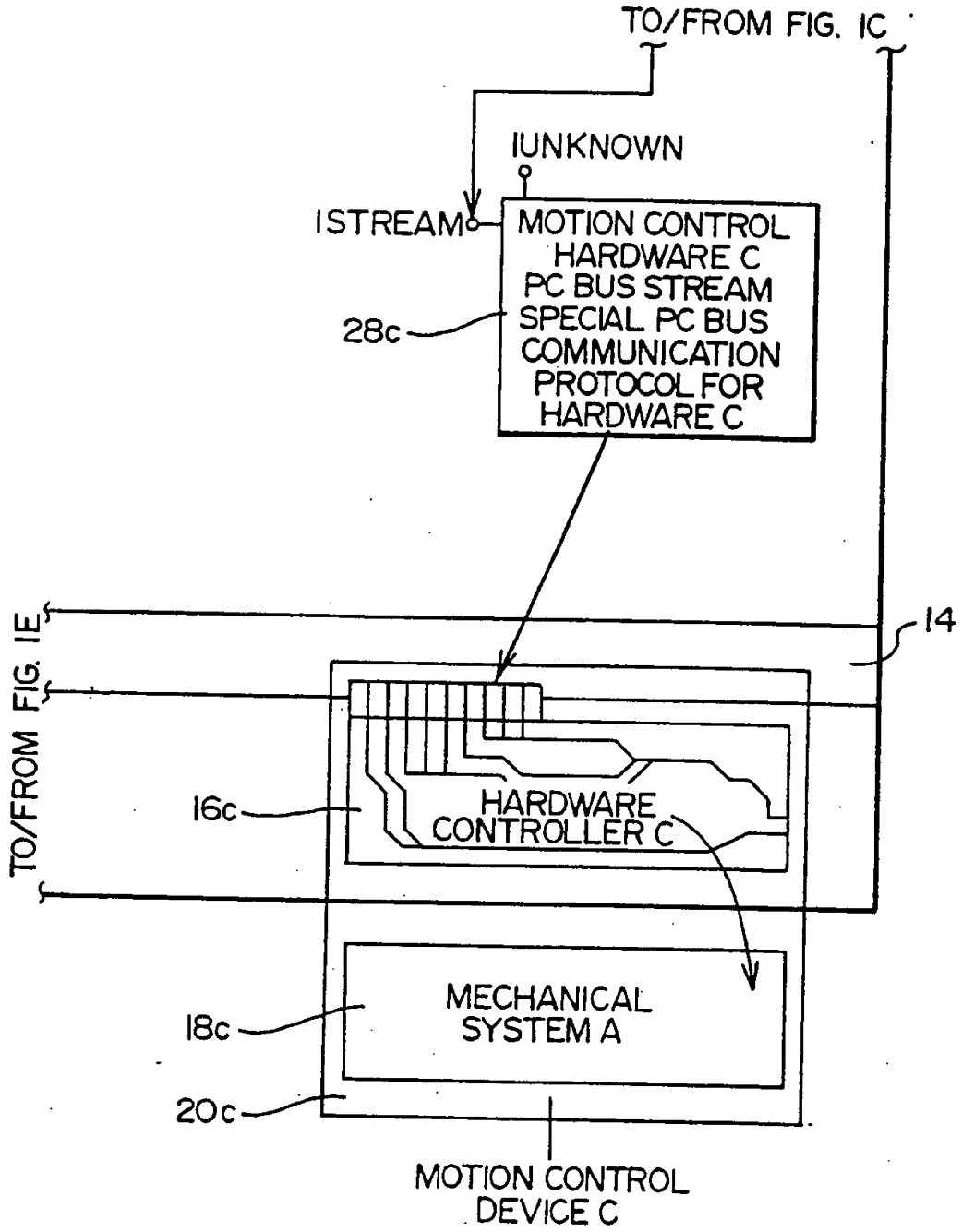
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. IE



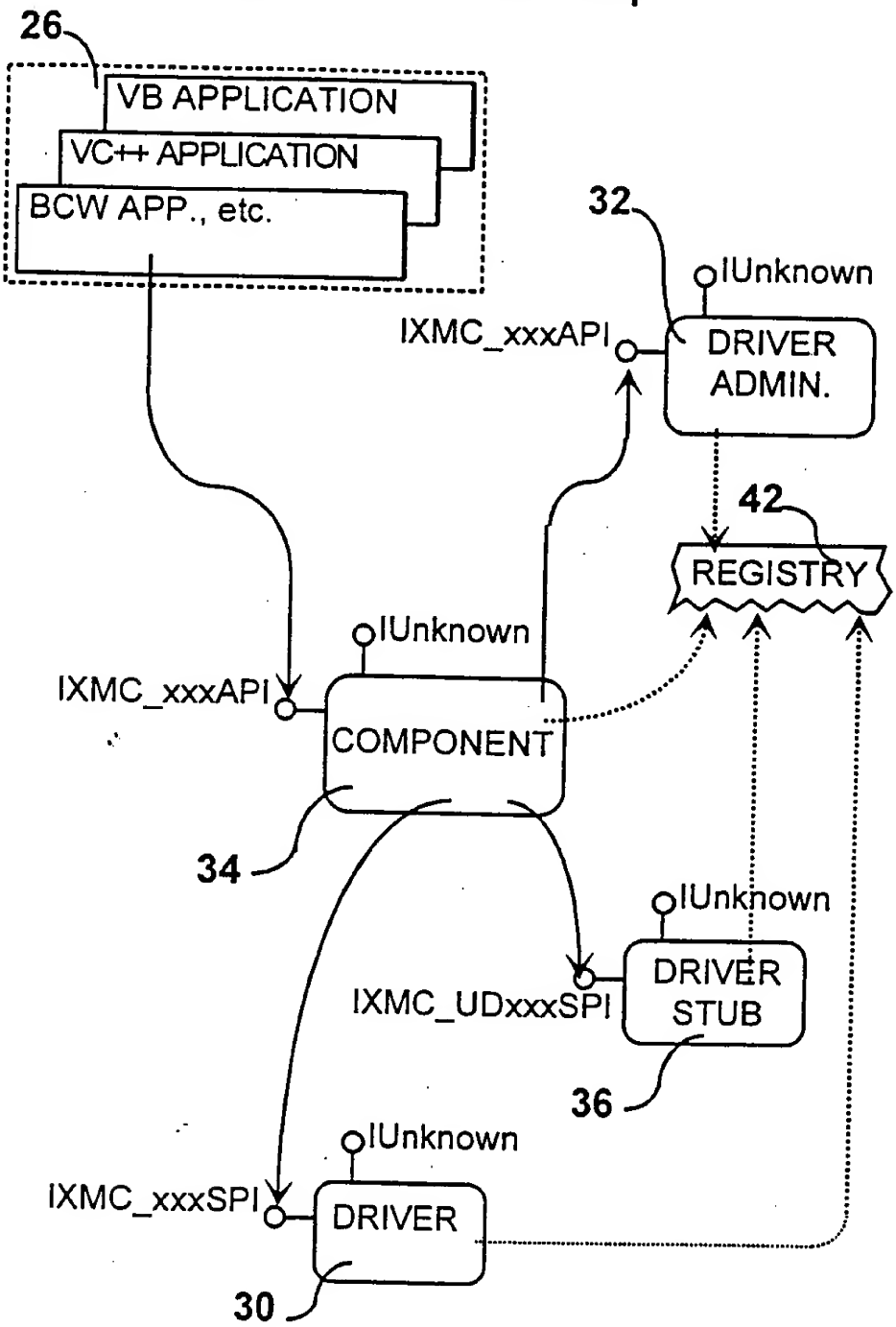
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. IF



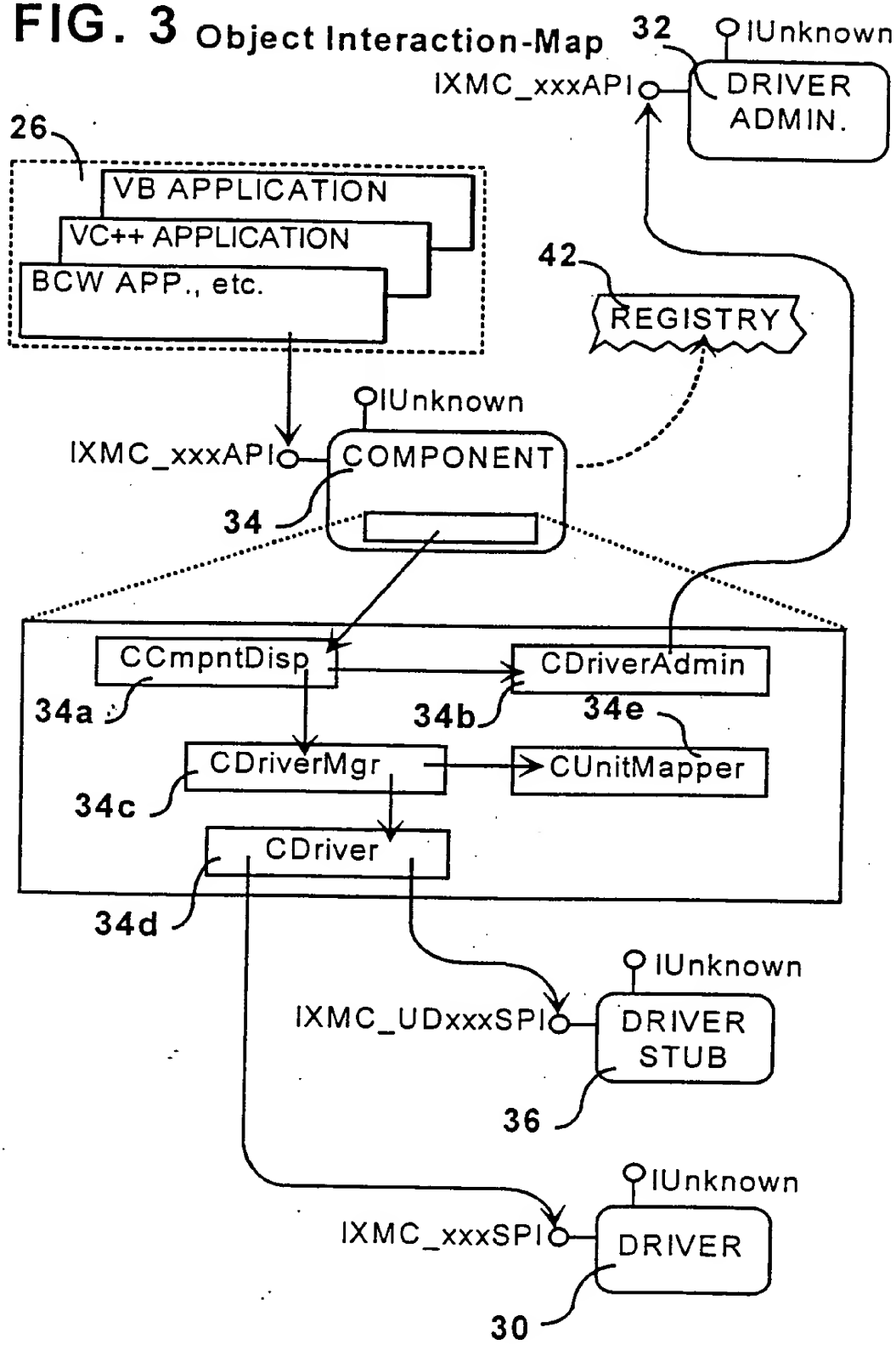
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 2 Module Interaction-Map



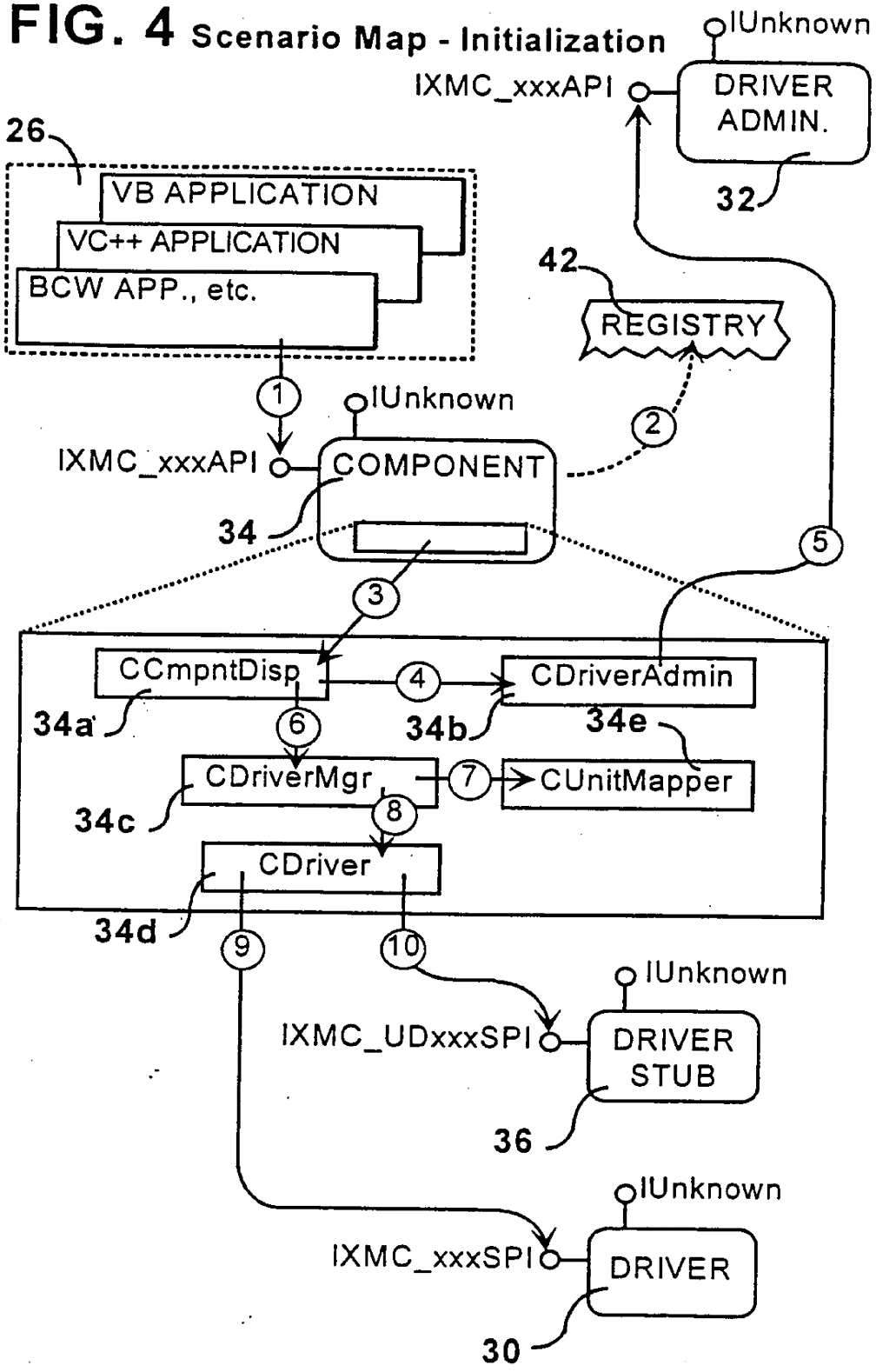
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 3 Object Interaction-Map



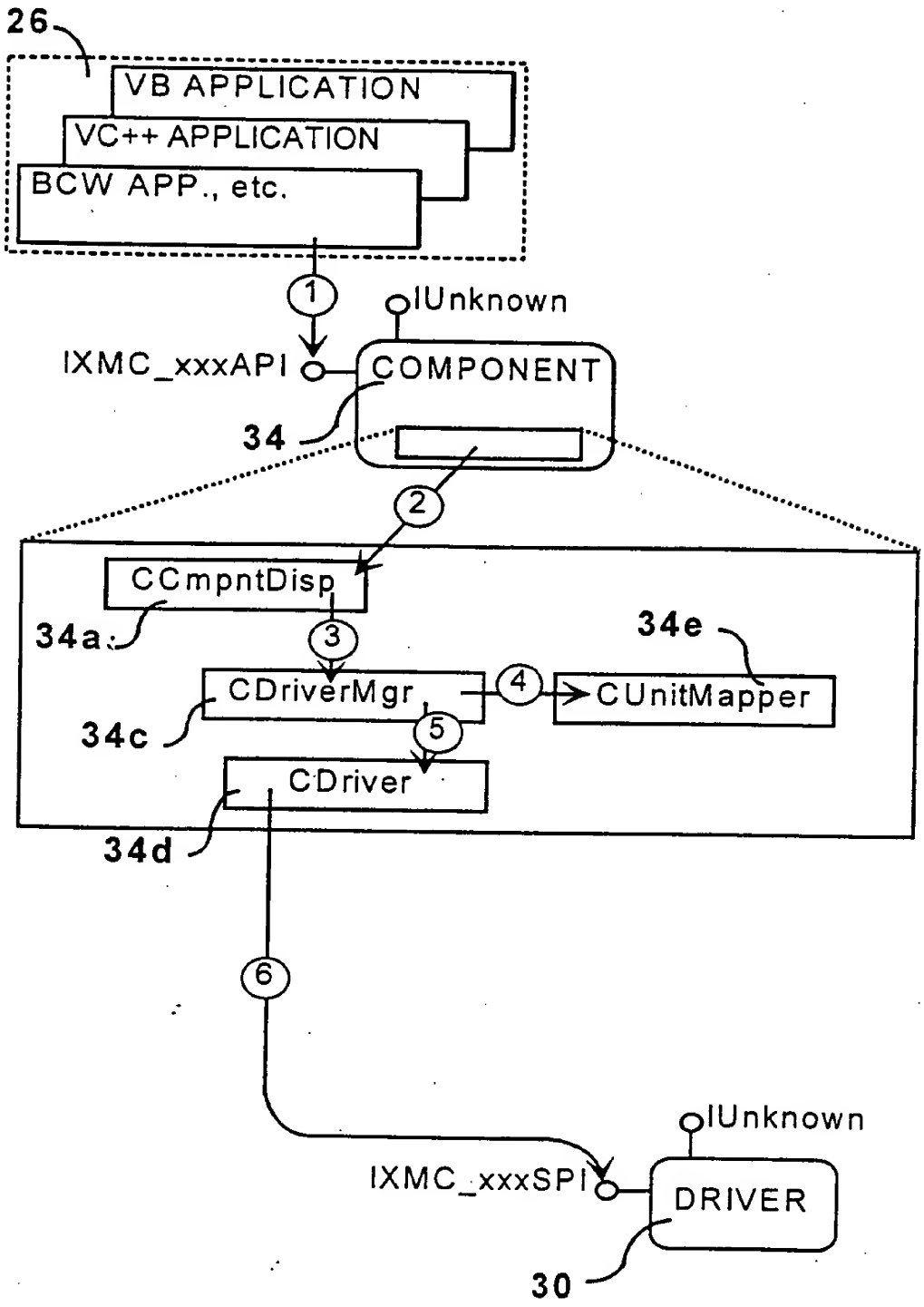
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 4 Scenario Map - Initialization



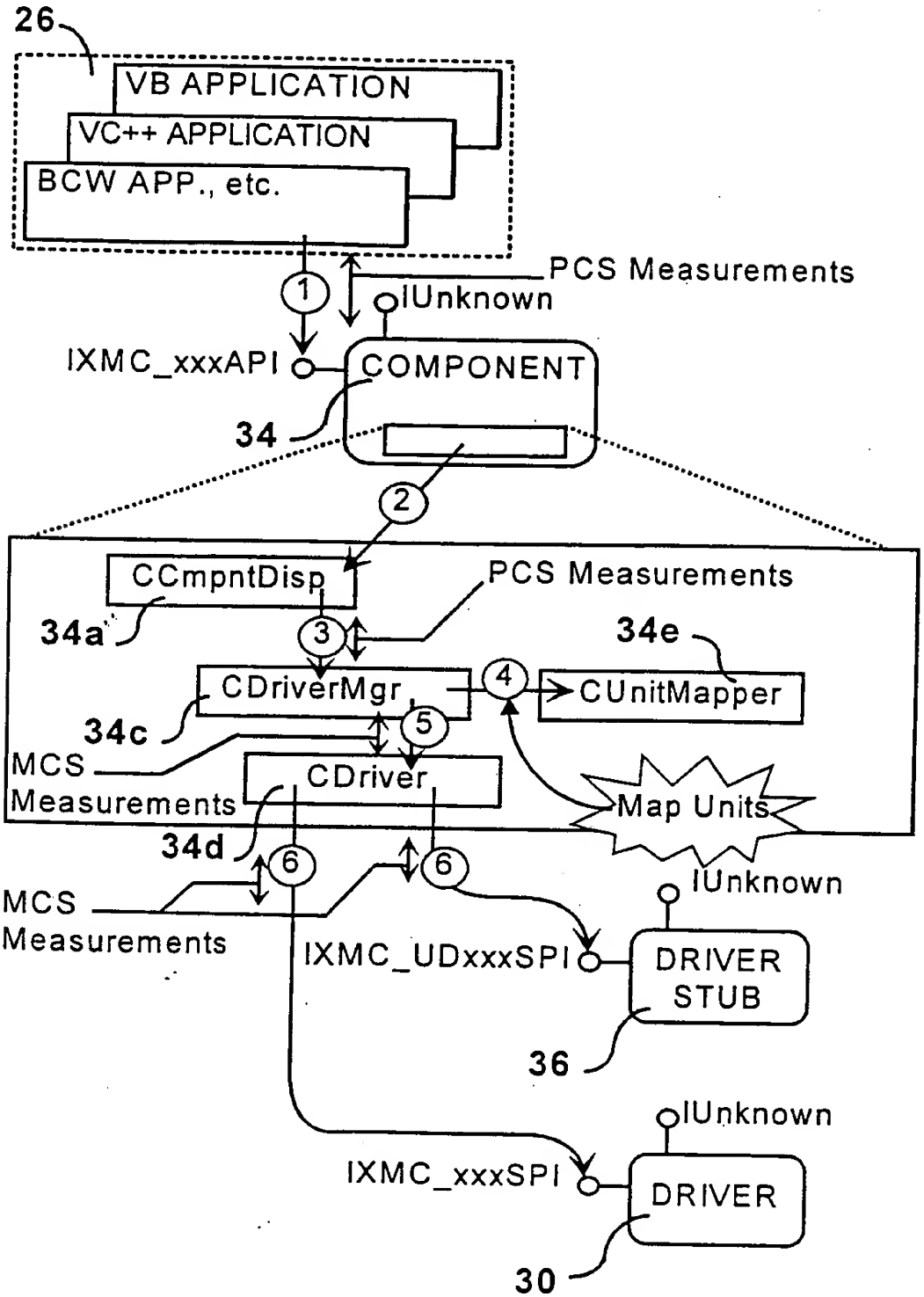
APPROVED BY DRAFTSMAN | O.C. FIG. | CLASS | SUBCLASS

FIG. 5 Scenario Map - Core SPI Operation



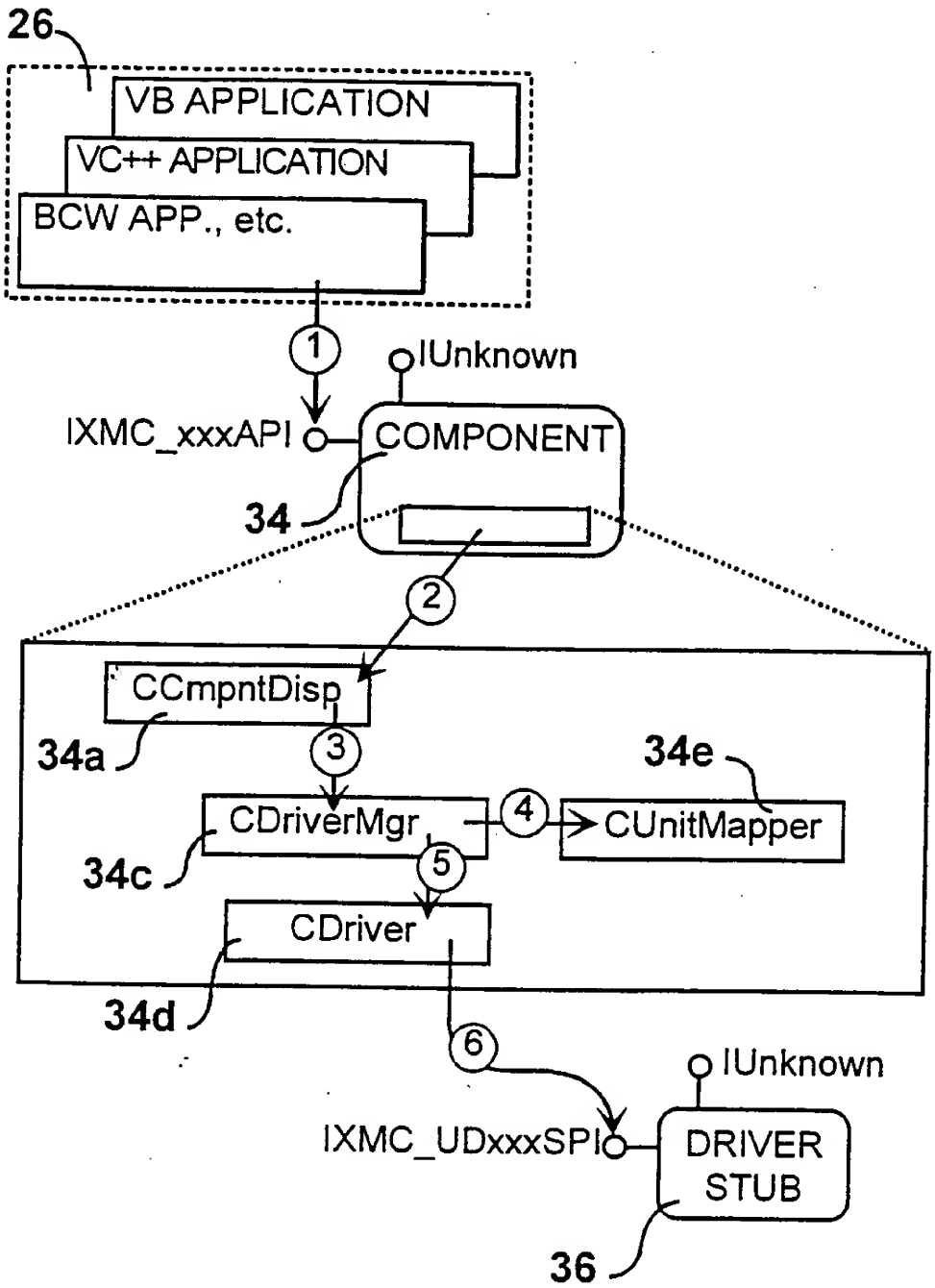
APPROVED O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

FIG. 6 Scenario-Map - Unit Mapping



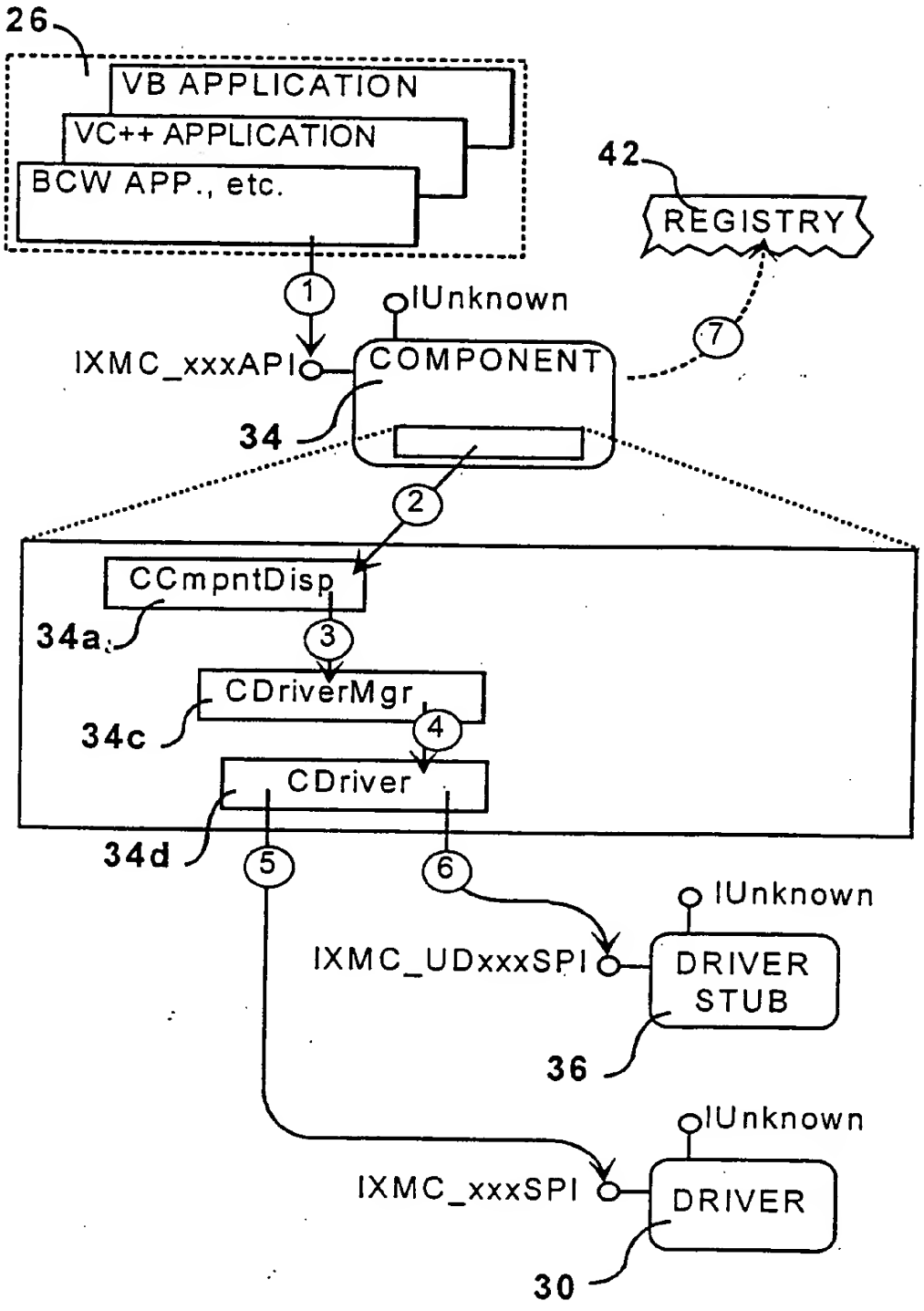
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 7 Scenario-Map - Extended SPI Operation



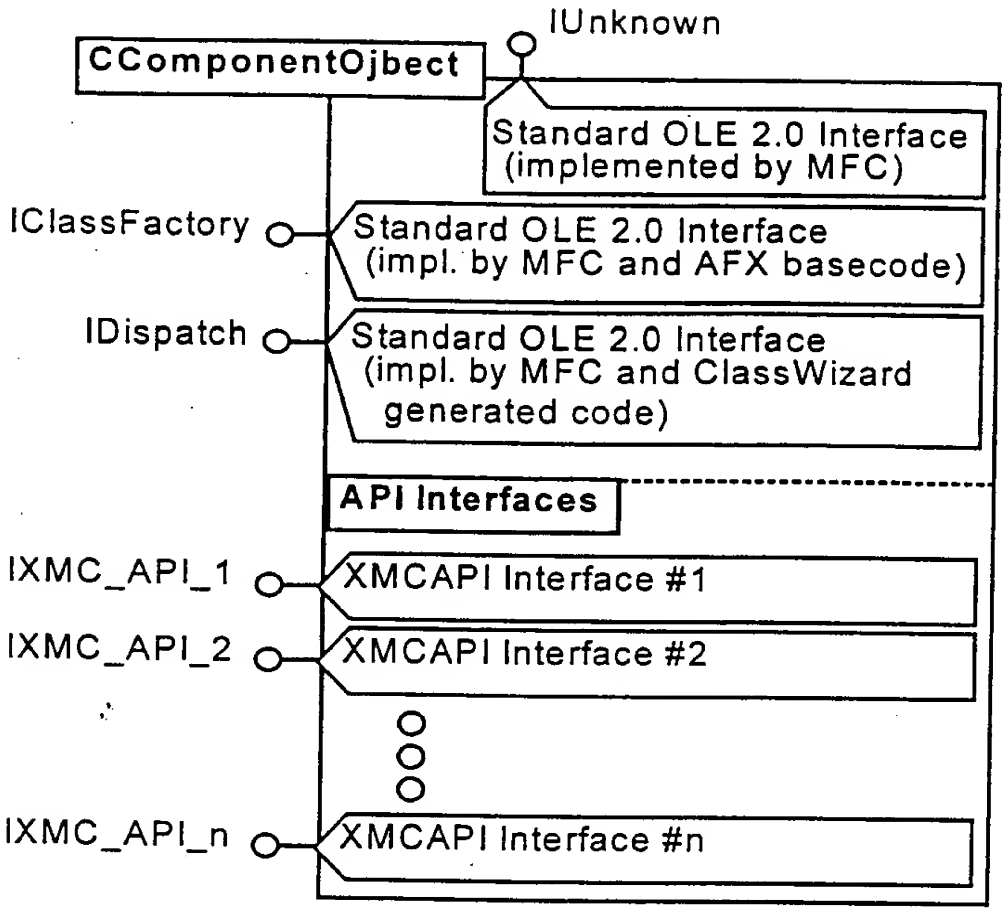
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 8 Scenario-Map - Clean-up.



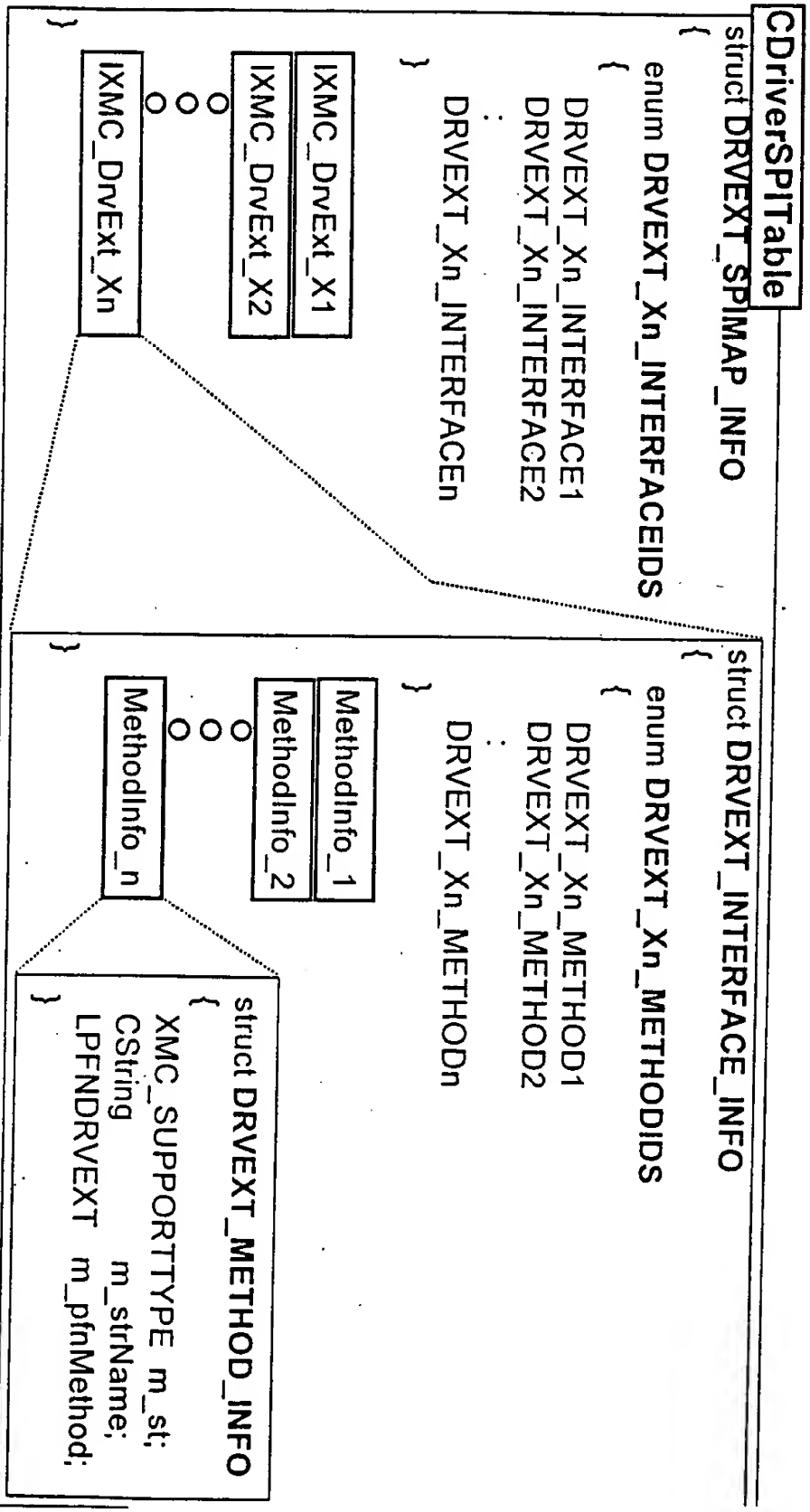
APPROVED BY DRAFTSMAN
CLASS SUBCLASS

FIG. 9 Interface-Map



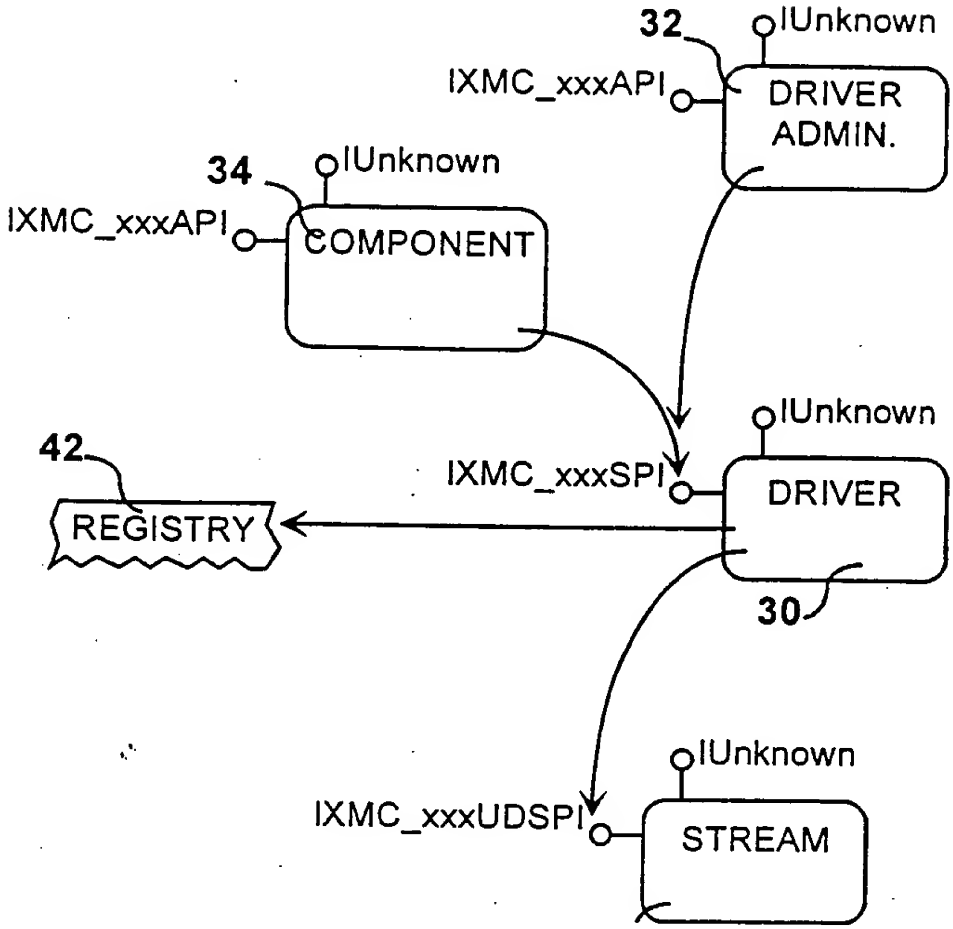
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 10 CDriver class with XMCSPI table



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

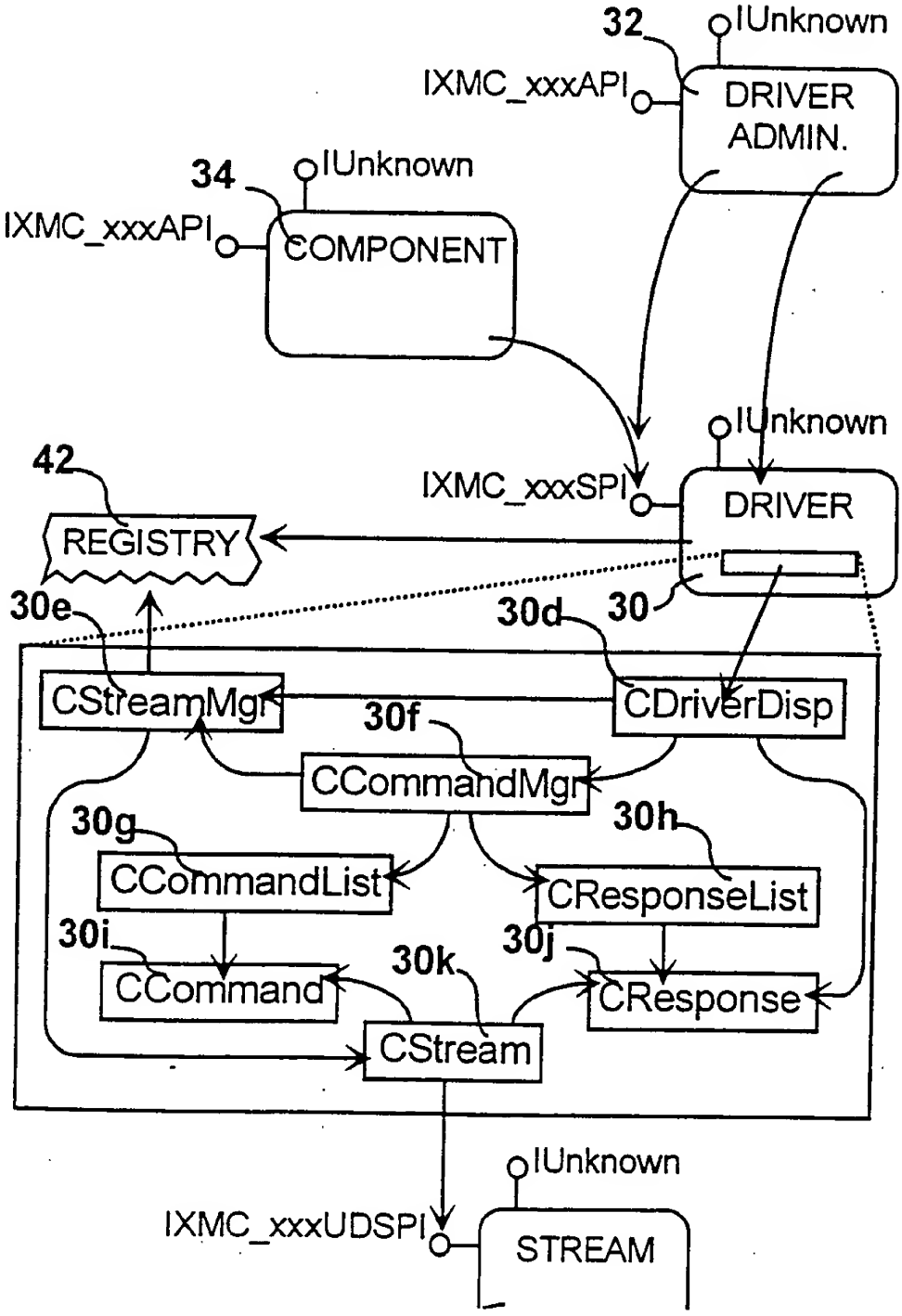
FIG. 11 Module Interaction-Map



DOCUMENT NUMBER

APPROVED BY DRAFTSMAN | O.G. FIG. 12 | CLASS 717 | SUBCLASS 107

FIG. 12 Object Interaction-Map



APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 13 Scenario-Map - Registration

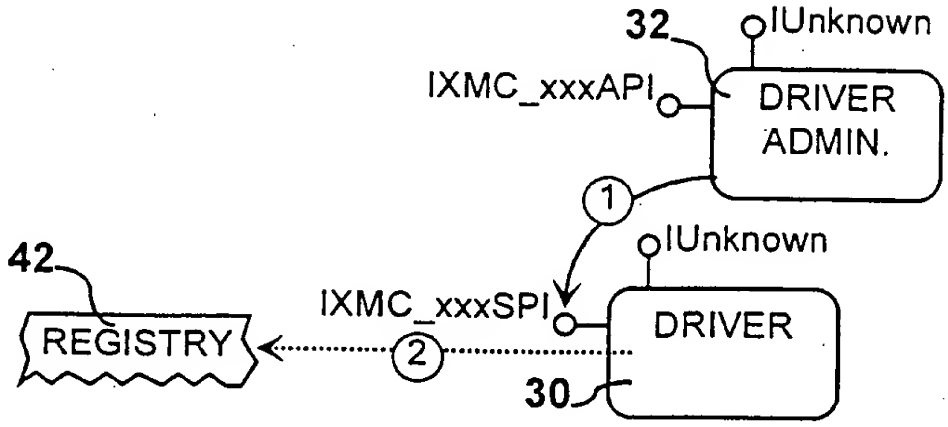
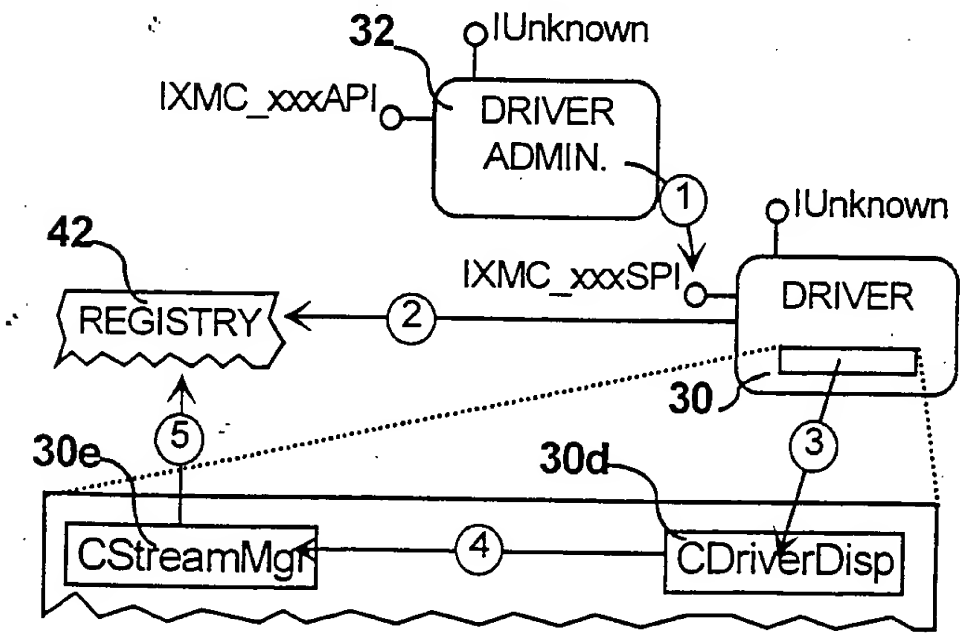


FIG. 14 Scenario-Map - Init. by Driver Admin.



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 15 Scenario-Map - Adding a Stream

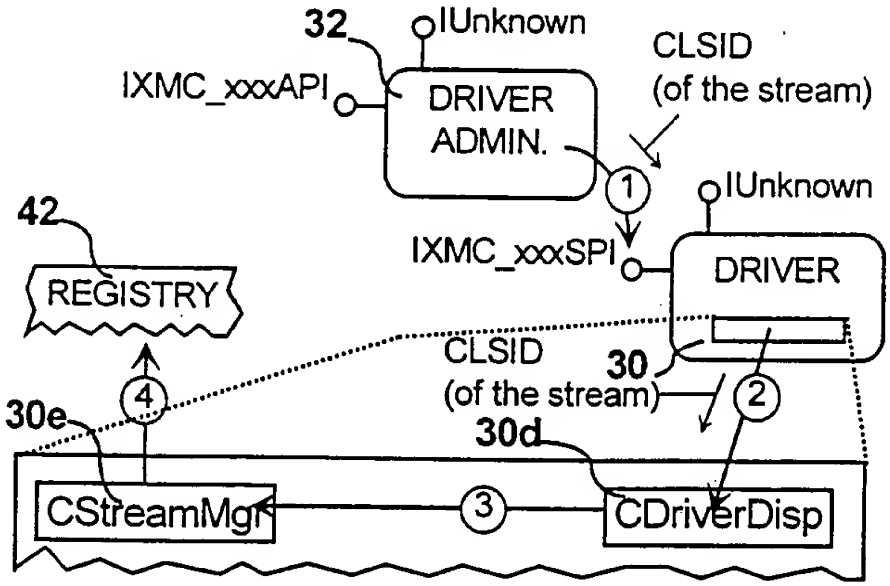
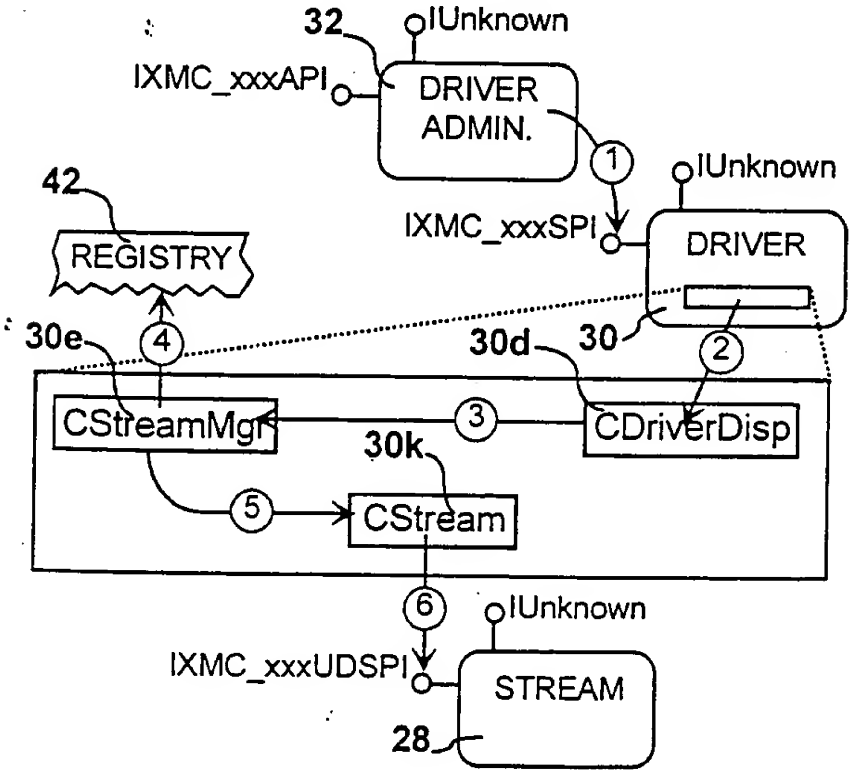


FIG. 16 Scenario-Map - Query Operation



APPROVED BY DRAFTSMAN CLASS SUBCLASS

FIG. 17 Scenario-Map - Clean-Up by Drv. Admin.

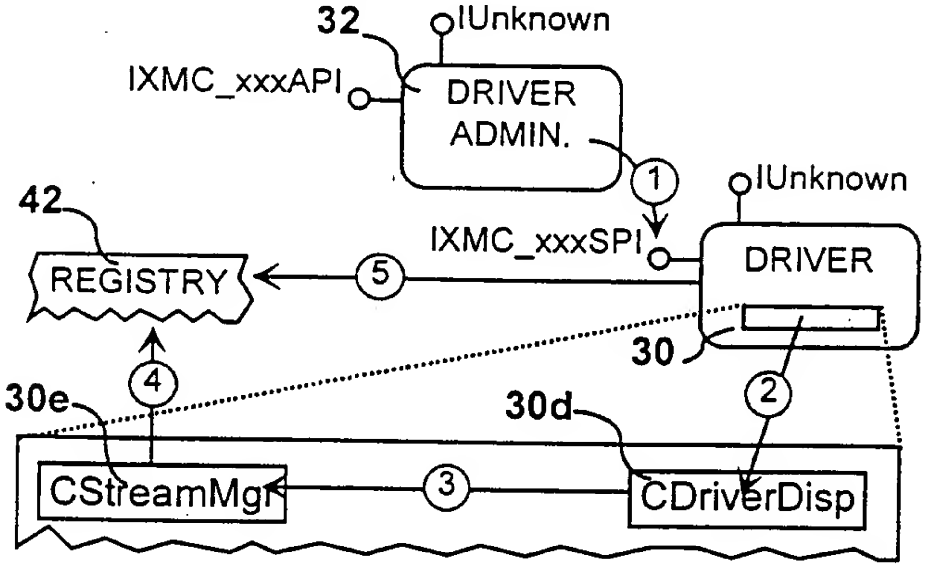


FIG. 18 Scenario-Map - Init. by Component

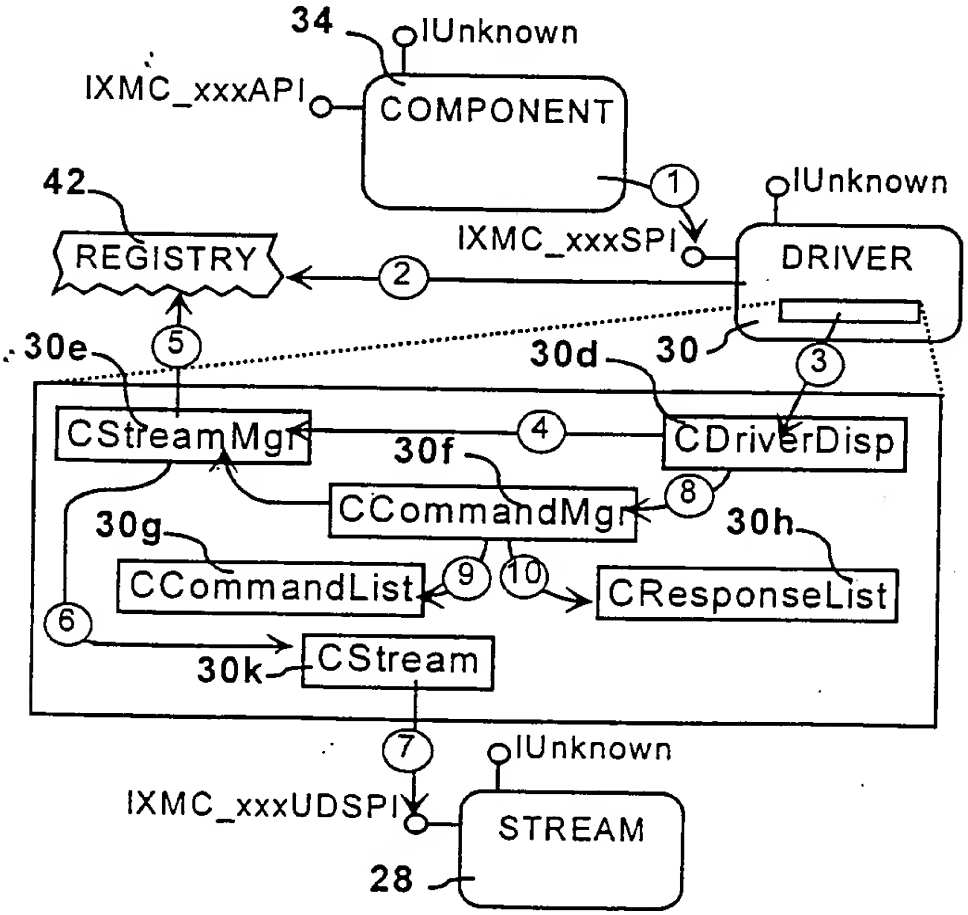


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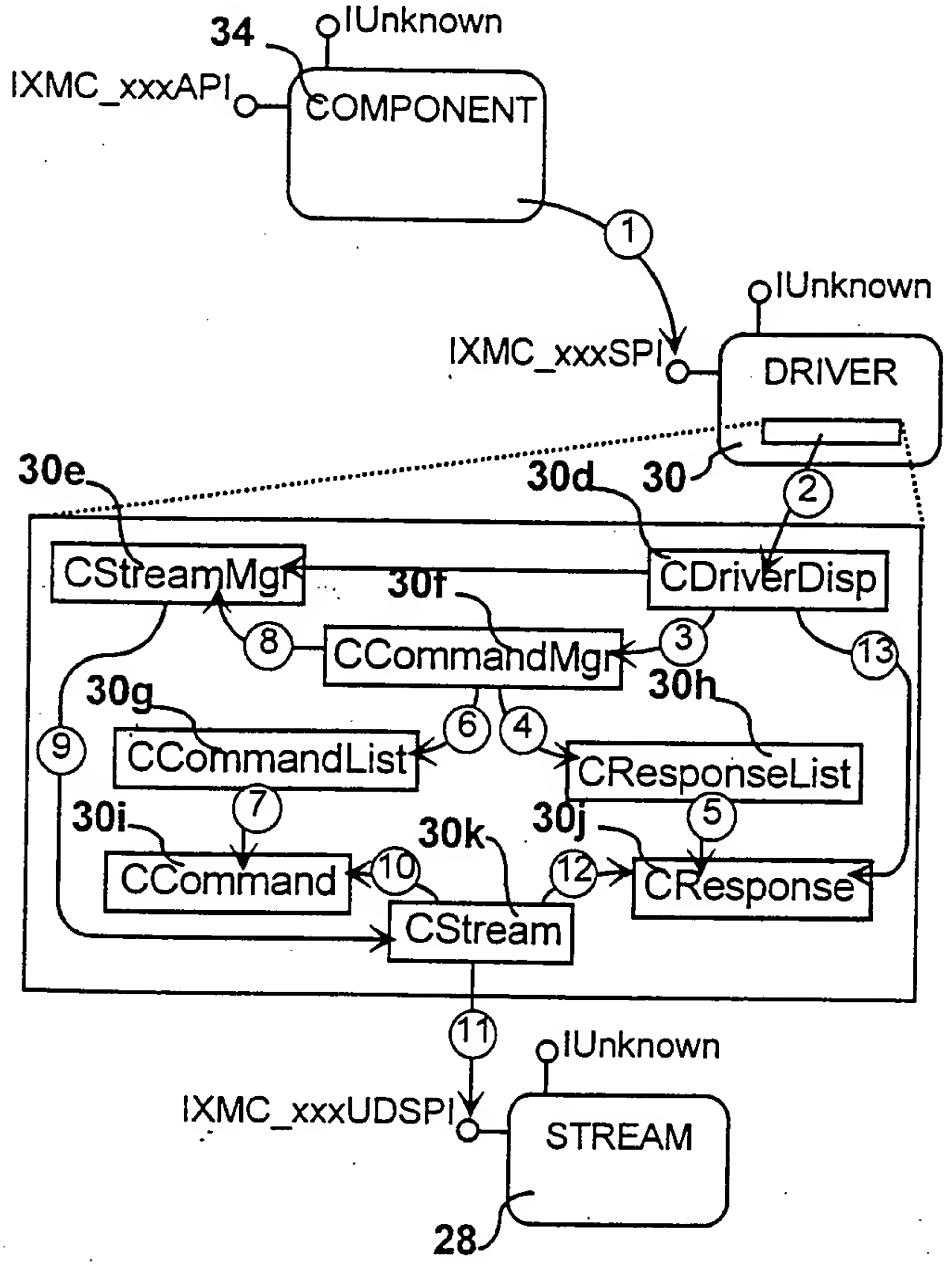
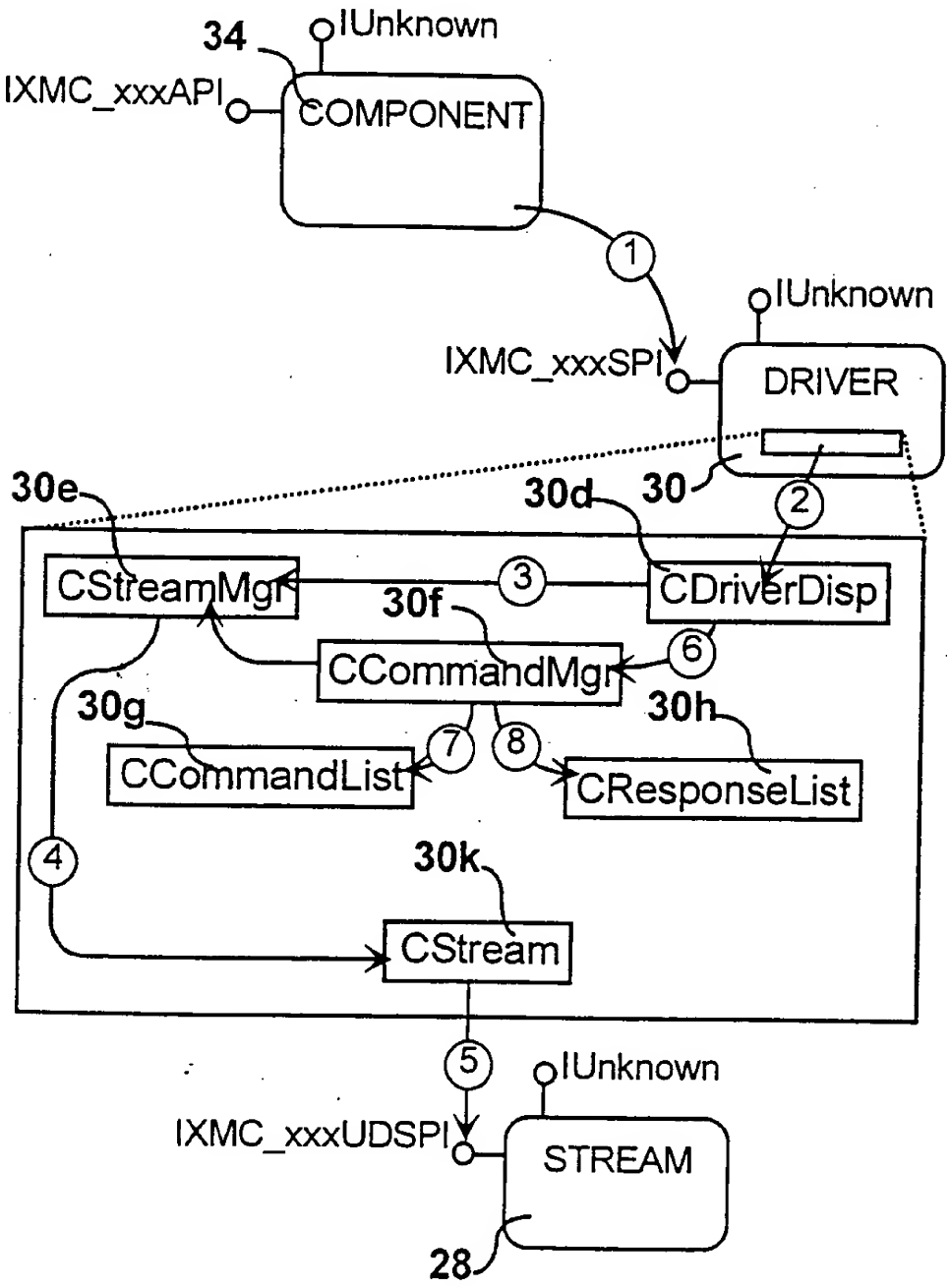
FIG. 19 Scenario-Map - Command Operations



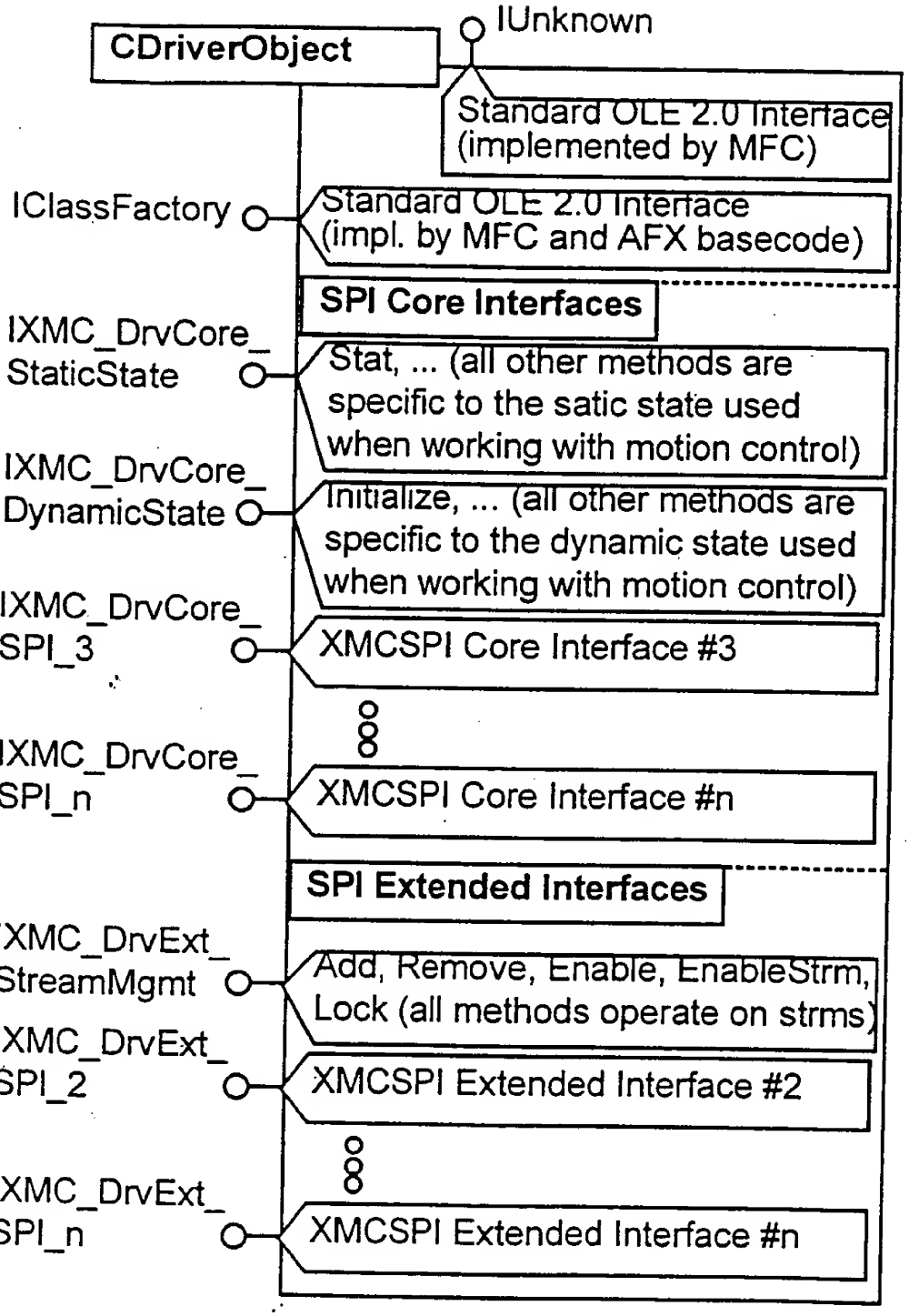
APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 20 Scenario-Map - Clean-up by Component



APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 21 Interface-Map



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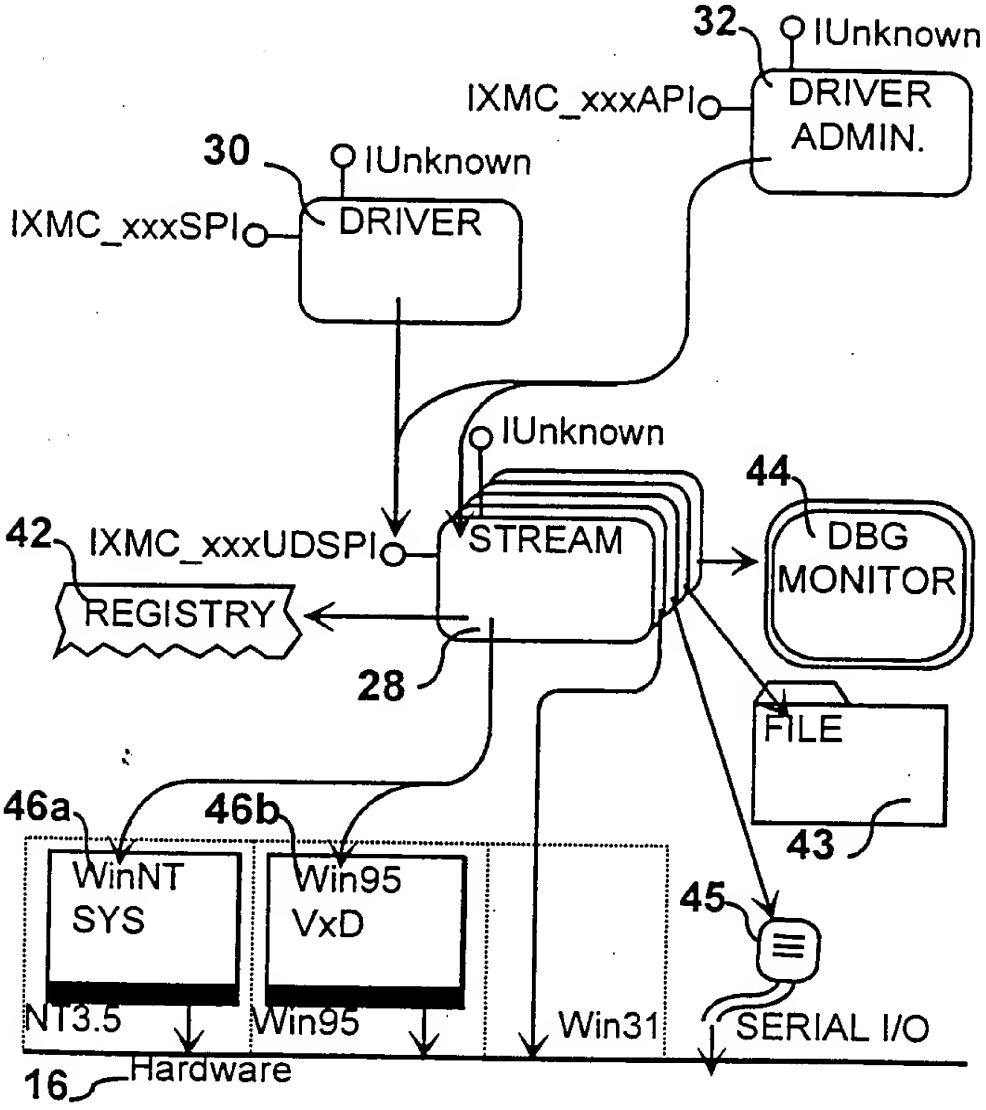
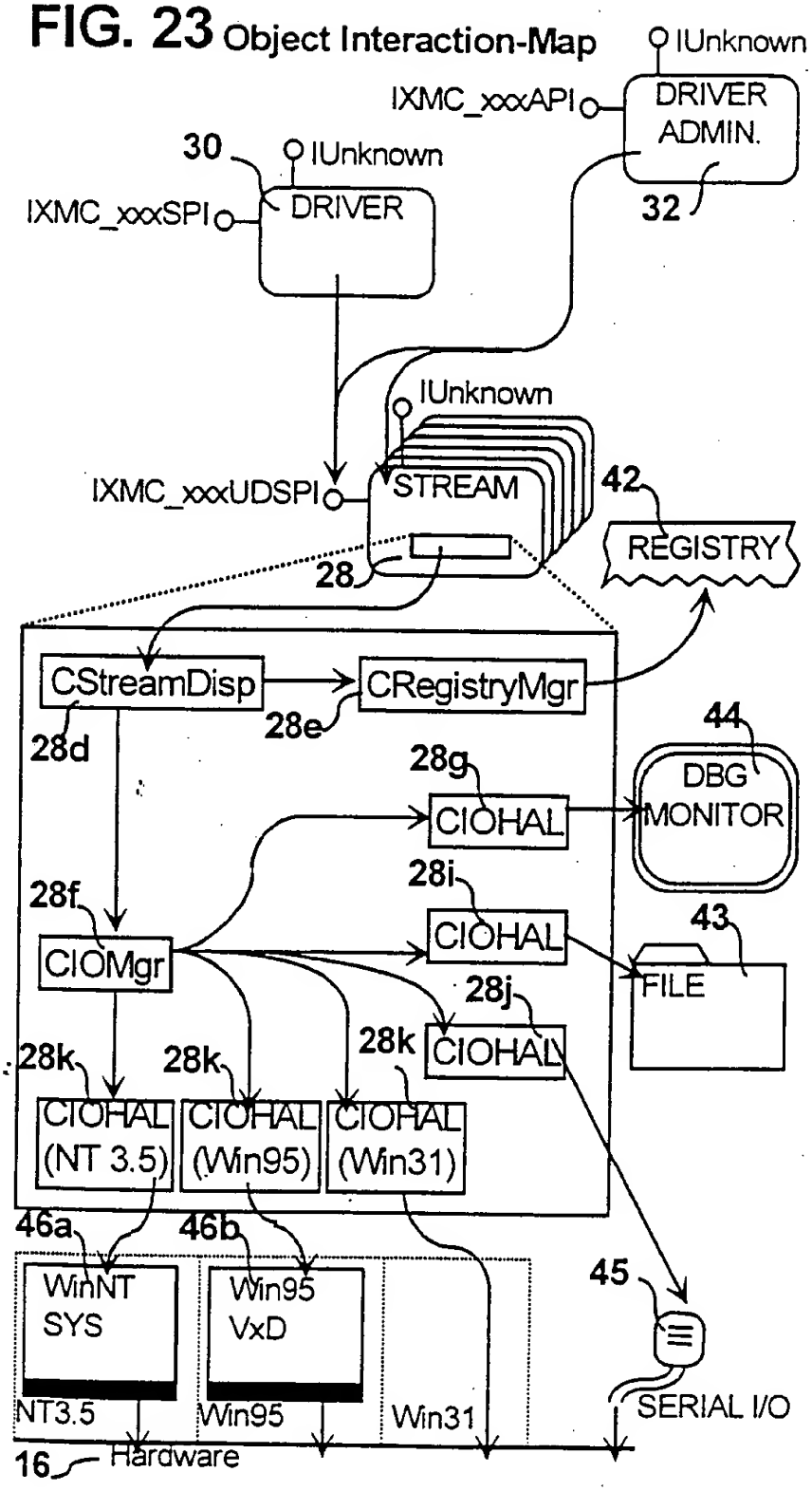
BY DRAFTSMAN
CLASS
SUBCLASS

FIG. 22 Module Interaction-Map



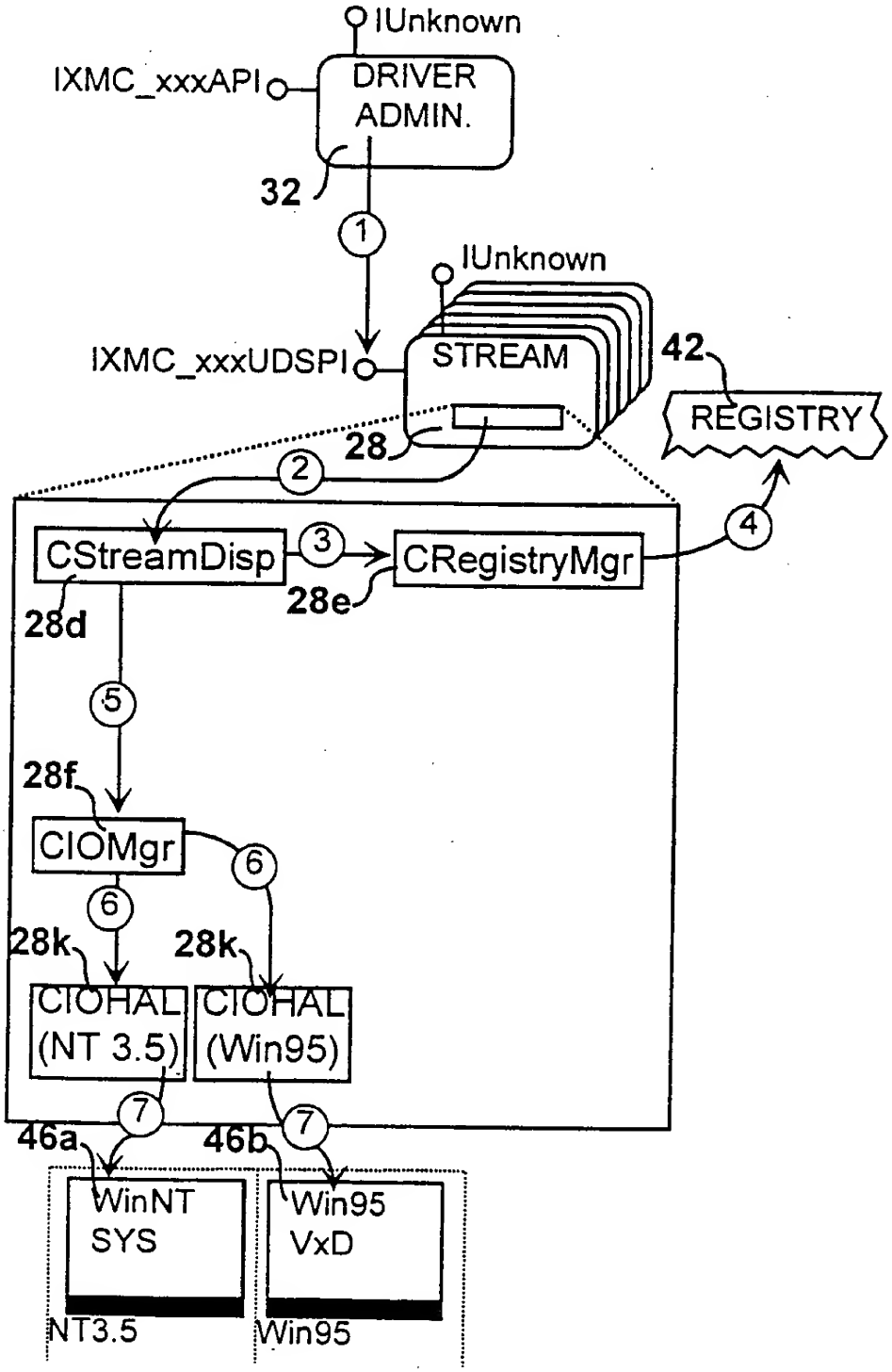
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 23 Object Interaction-Map



APPROVED BY CRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 24 Scenario-Map - Initialization



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 25 Scenario-Map - Registration

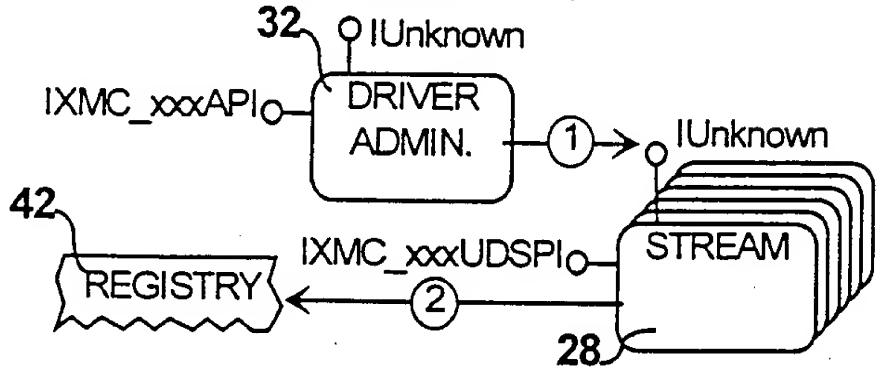
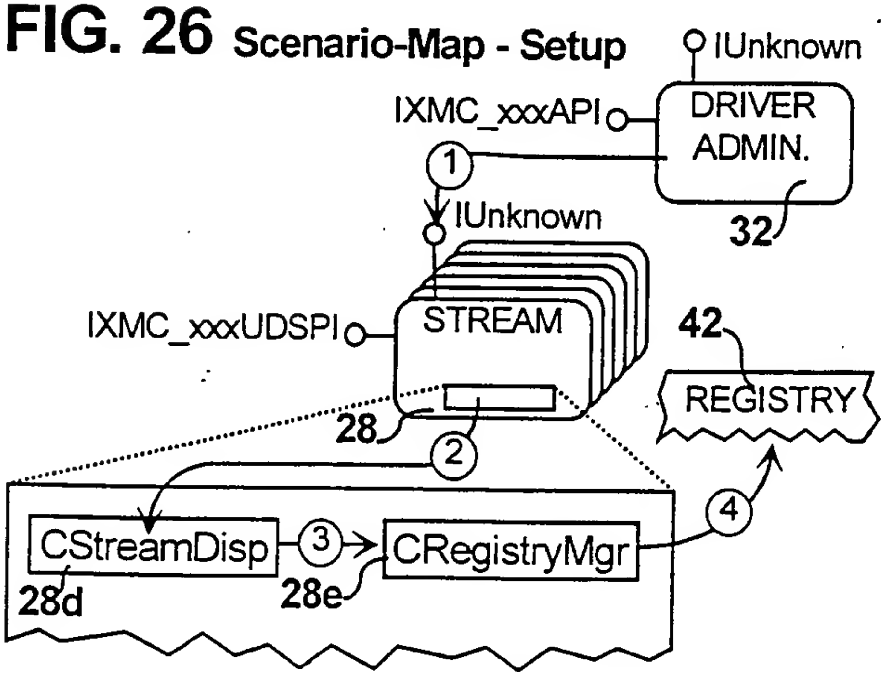


FIG. 26 Scenario-Map - Setup



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 27 Scenario-Map - Clean-up

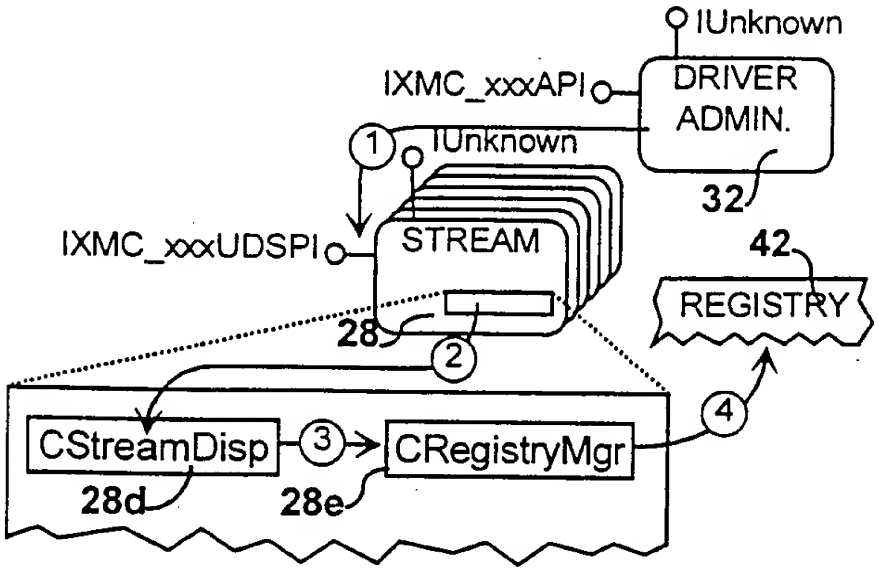
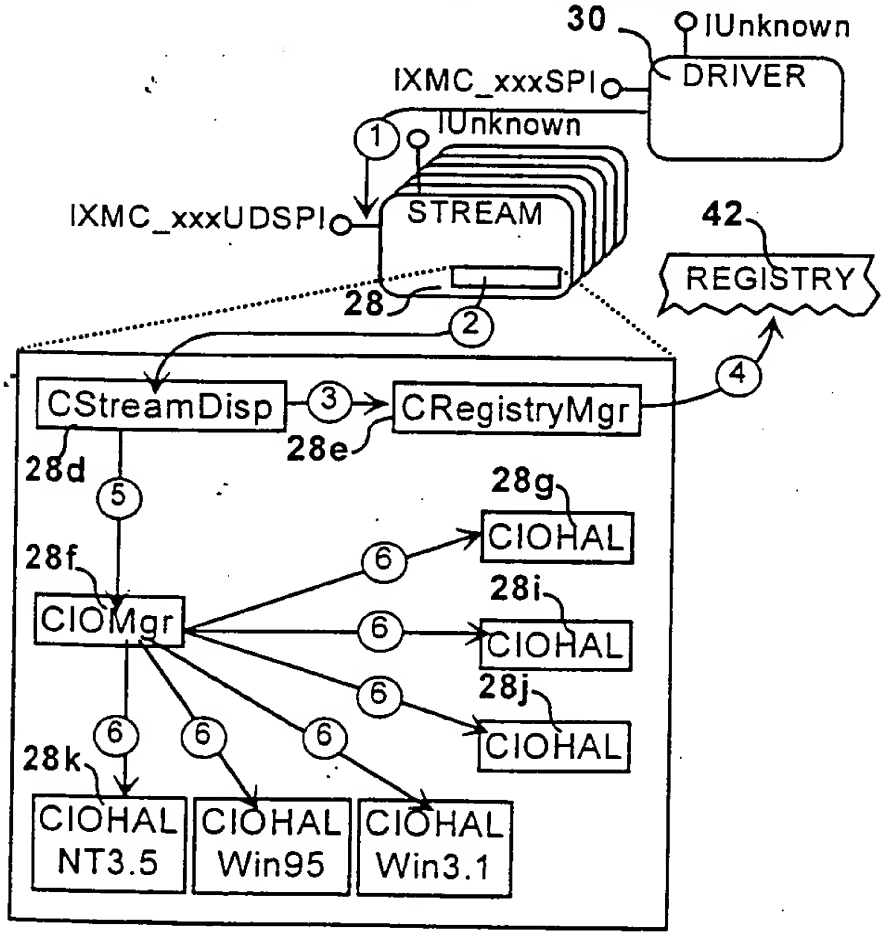
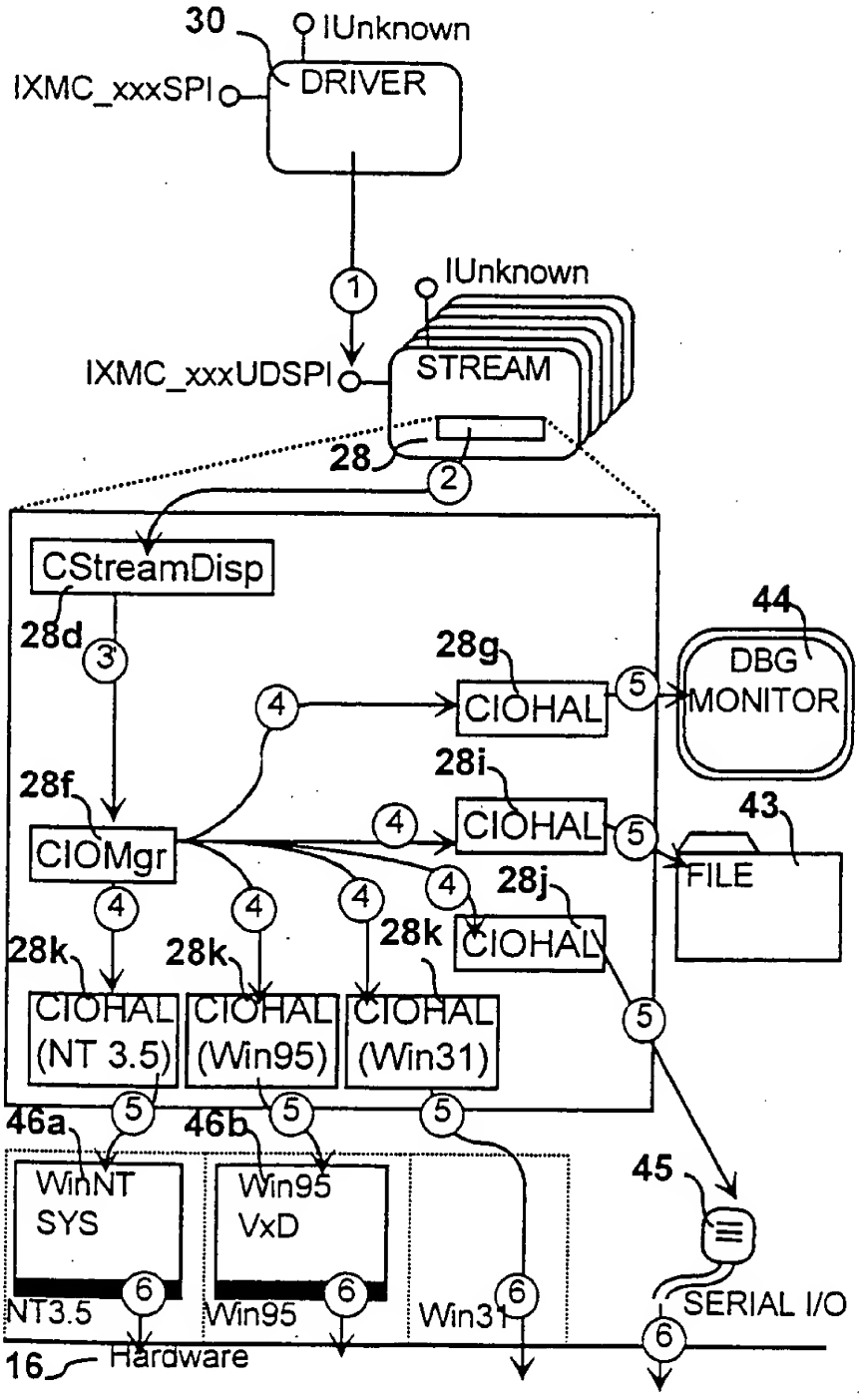


FIG. 28 Scenario-Map - Initialization (Drv)



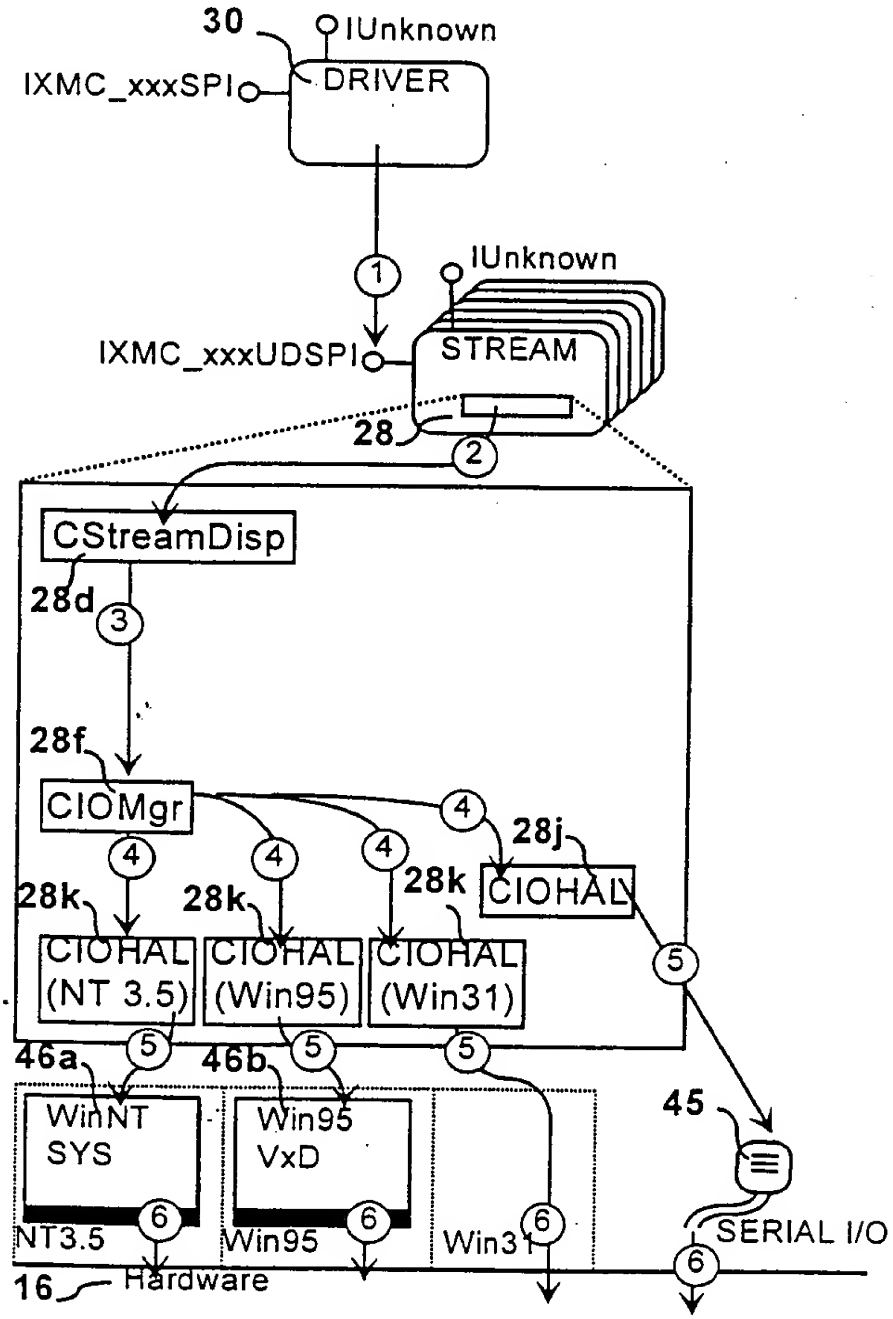
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 30 Scenario-Map - Writing Data



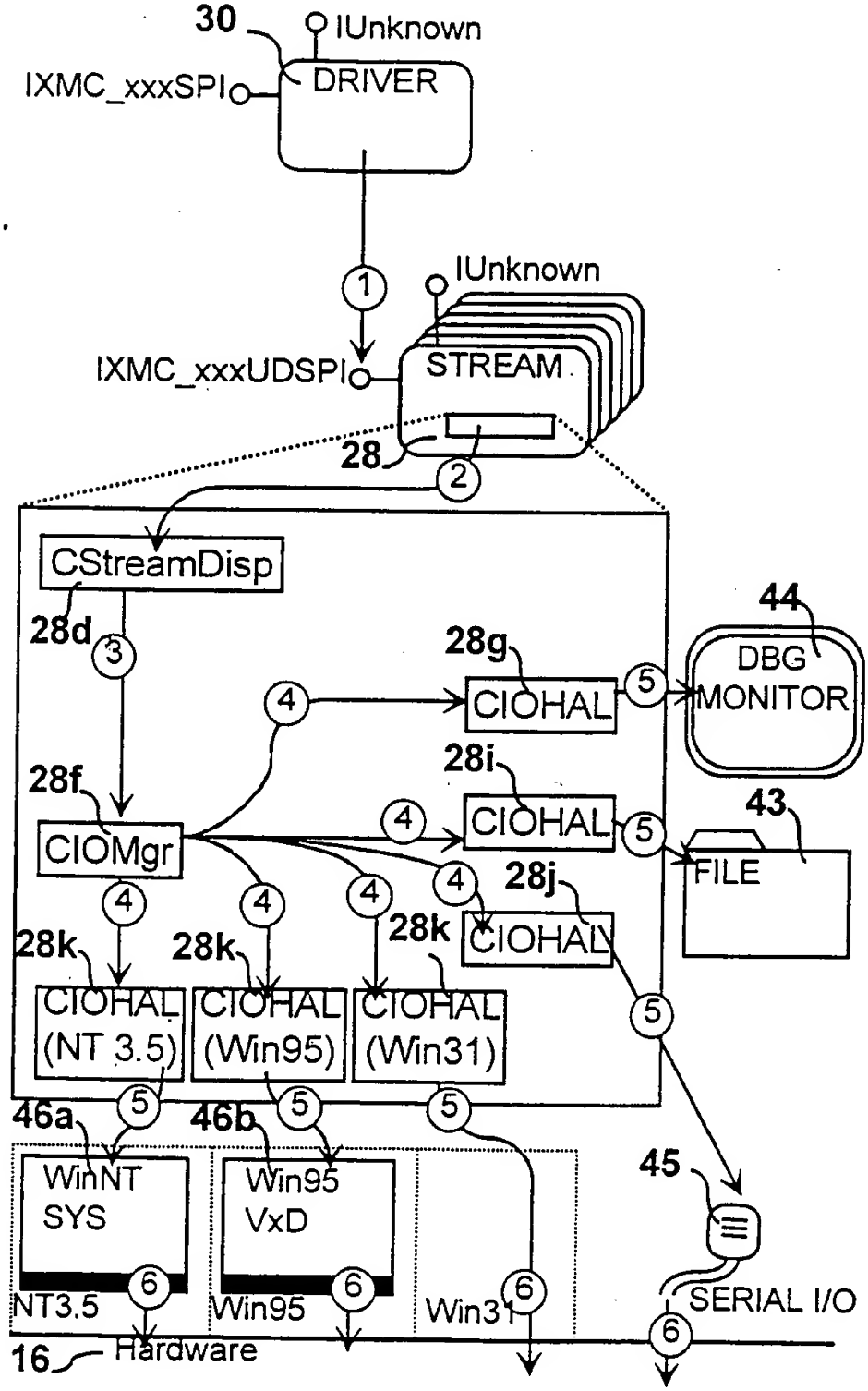
APPROVED BY DRAFTSMAN
C.G. ... CLASS SUBCLASS

FIG. 31 Scenario-Map - Reading Data



APPROVED
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 32 Scenario-Map - Clean-up (Drv)



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 33 Interface-Map

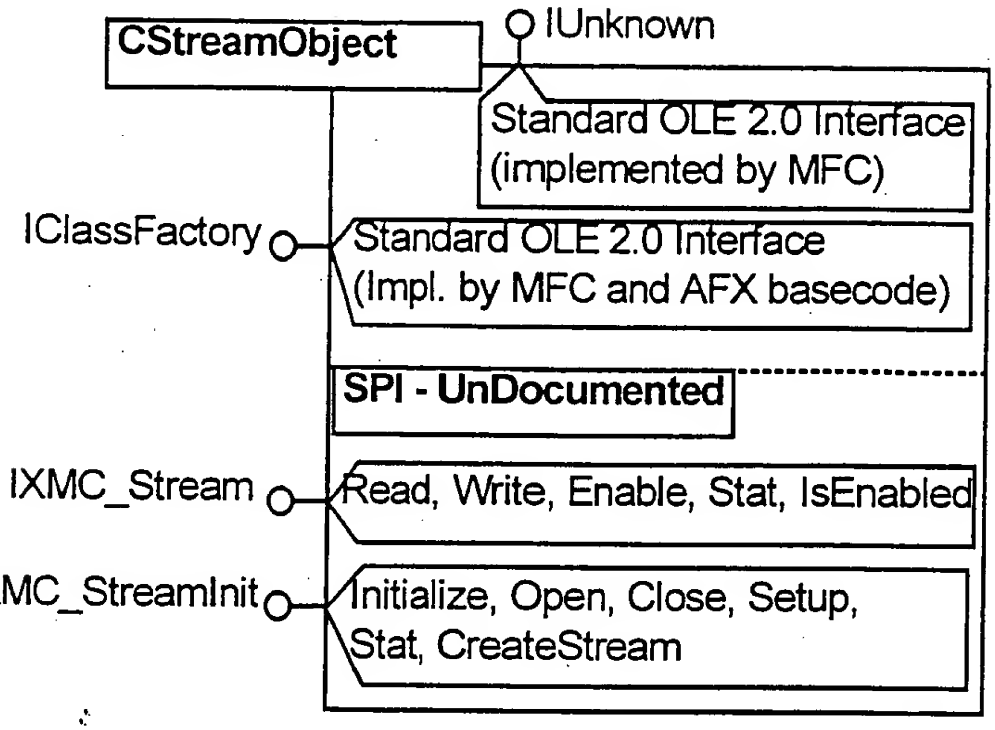
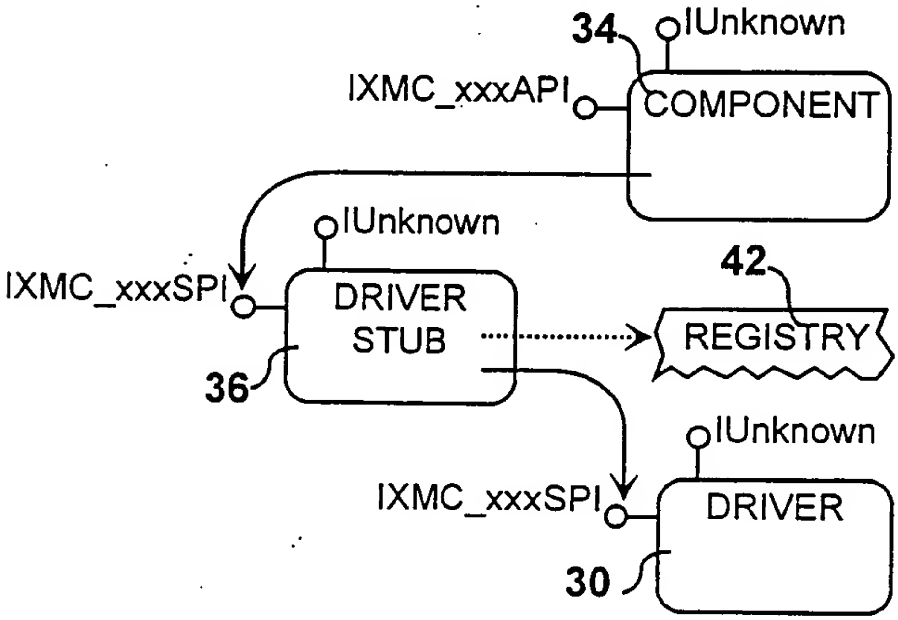
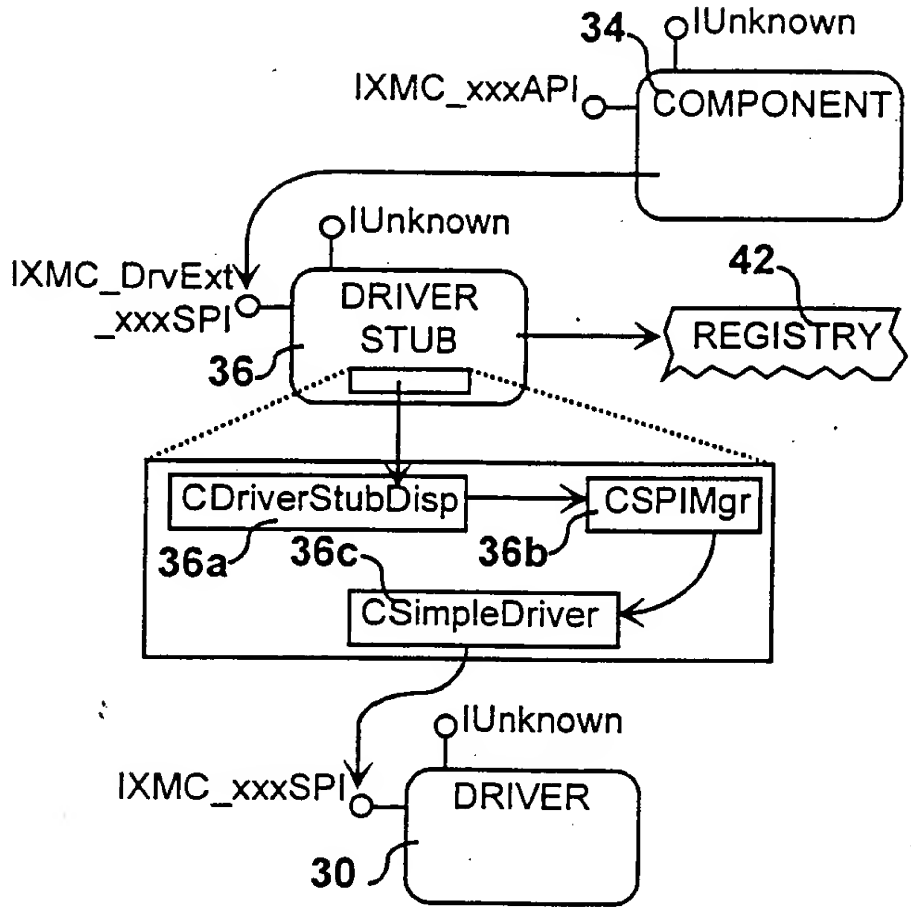


FIG. 34 Module Interaction-Map.



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 35 Object Interaction-Map



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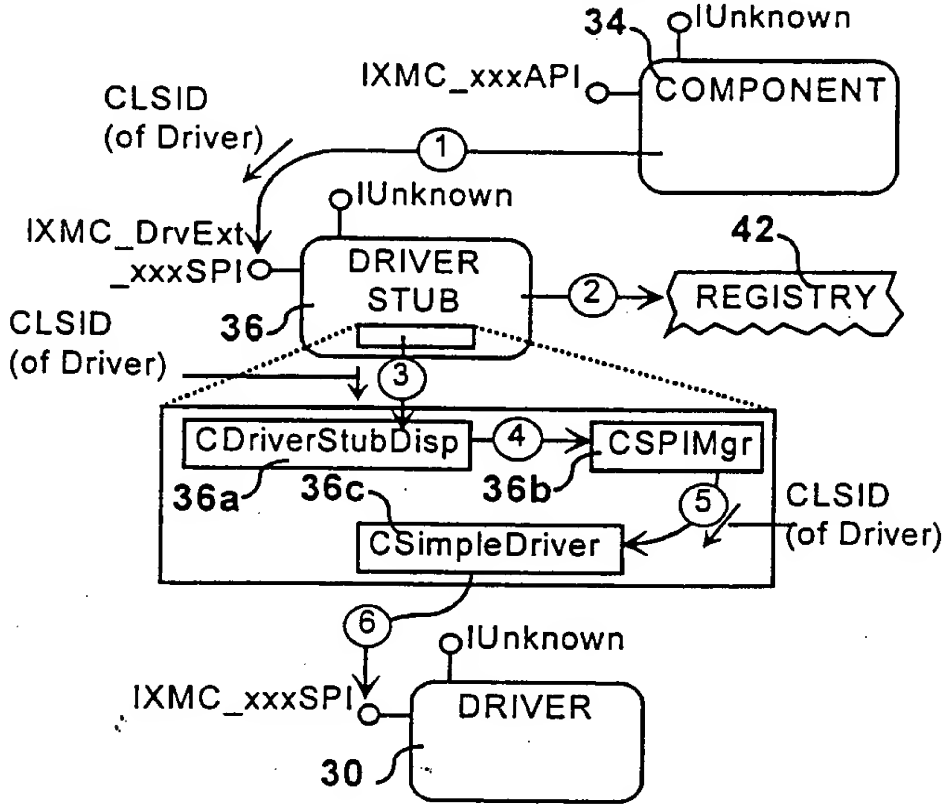
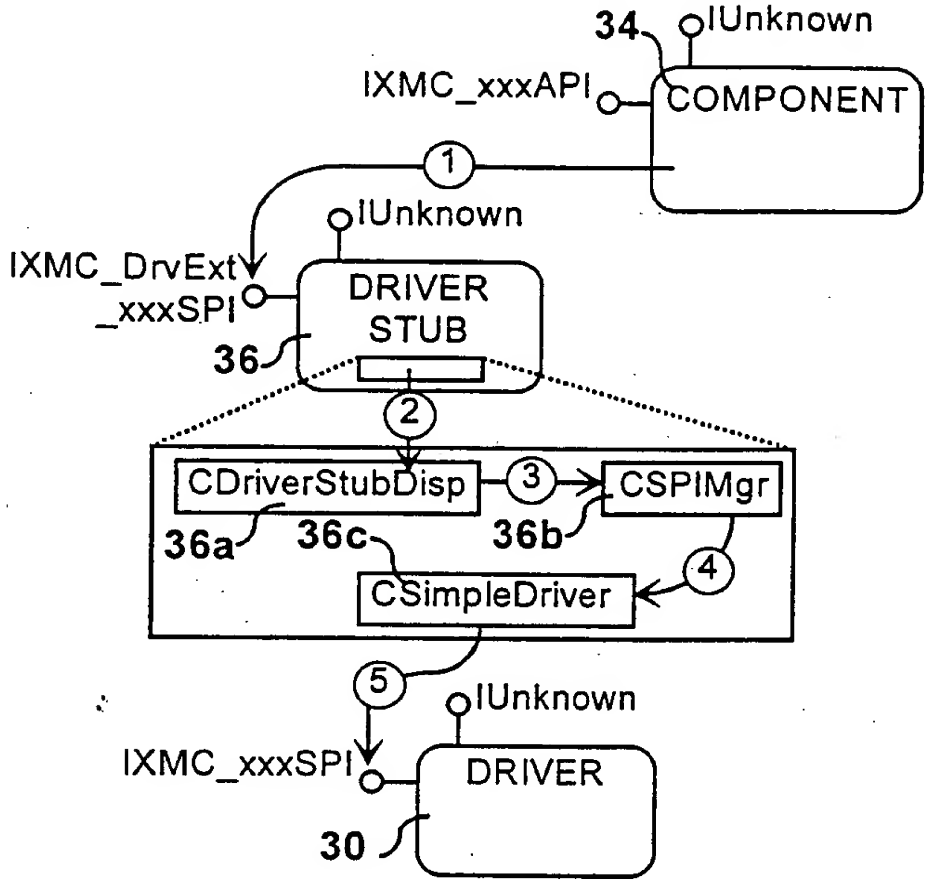
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 36 Scenario-Map - Initialization



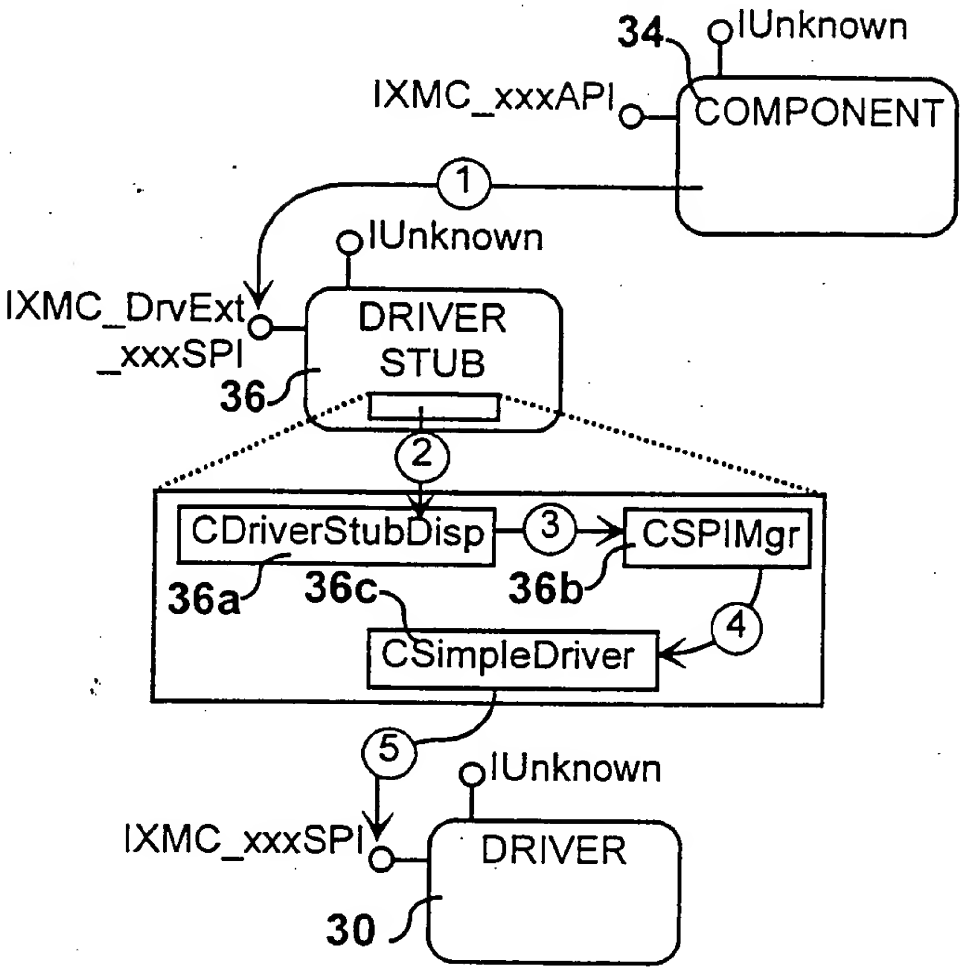
CLASS SUBCLASS
DRAFTSMAN

FIG. 37 Scenario-Map - Operations



APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 38 Scenario-Map - Clean-up



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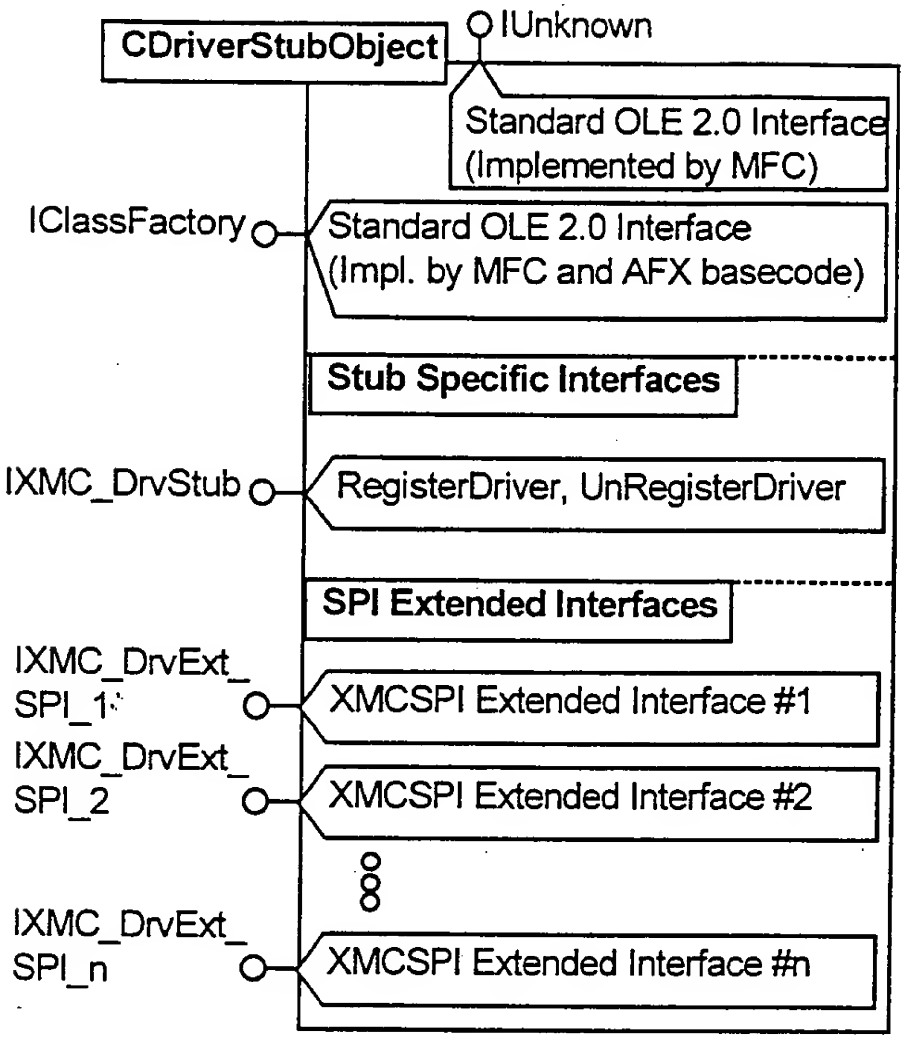
CLASS SUBCLASS
DRAFTSMAN

FIG. 39 Interface-Map



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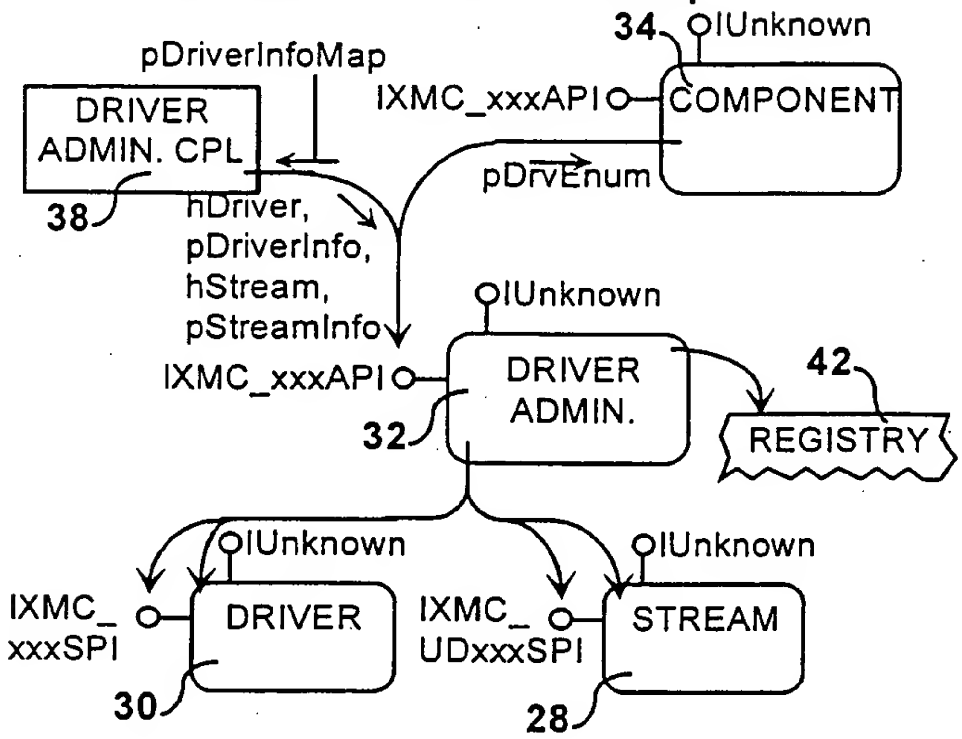
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 40 Module Interaction-Map



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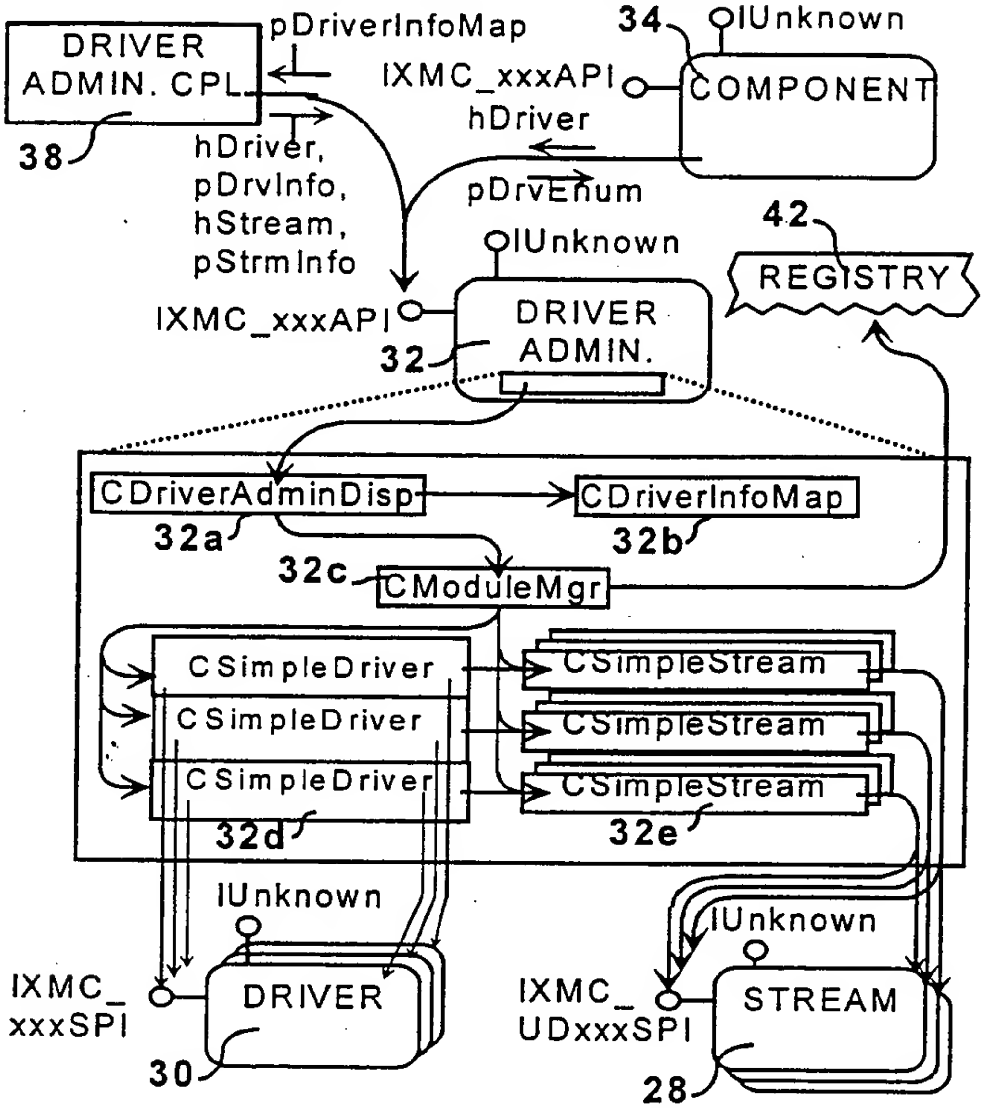
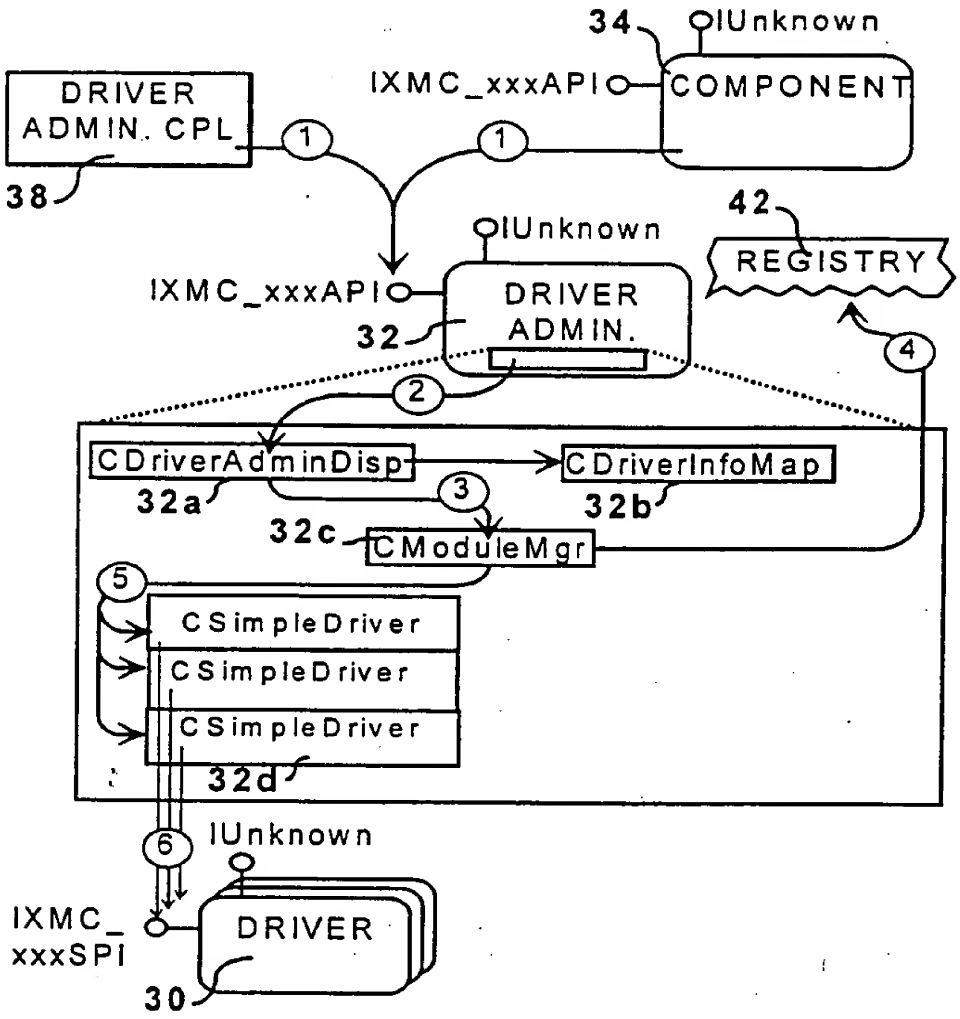
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 41 Object Interaction-Map



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 42 Scenario-Map - Initialization



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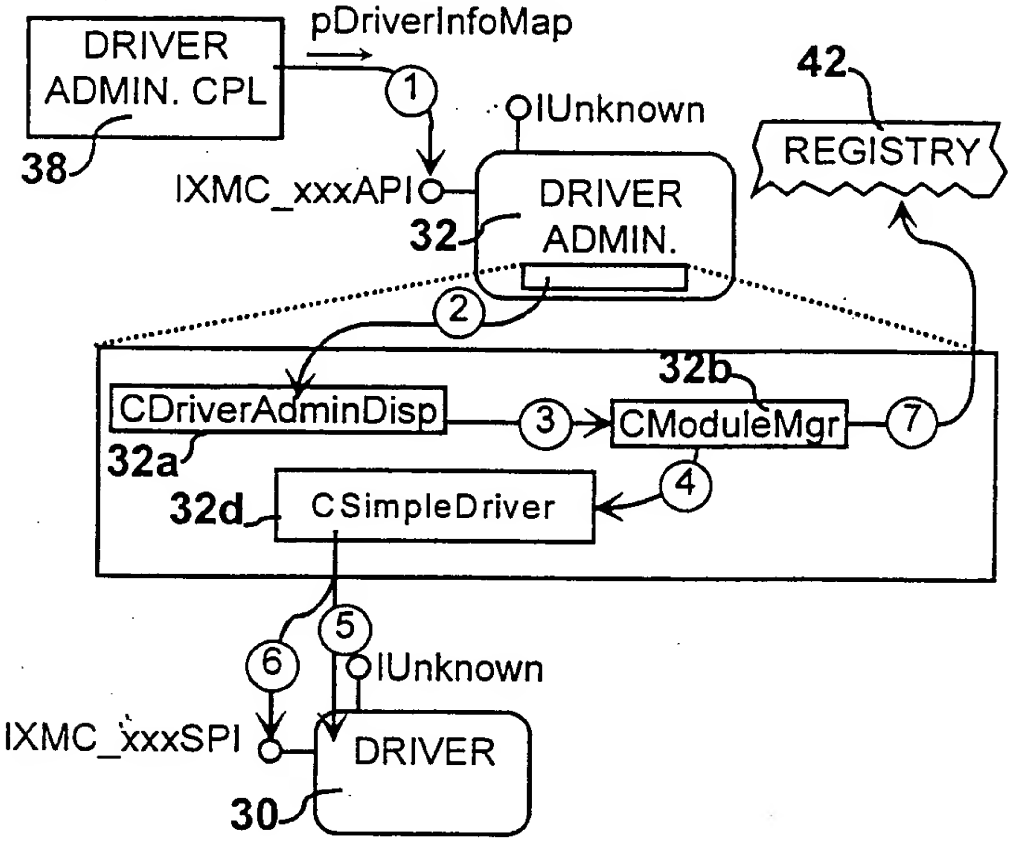
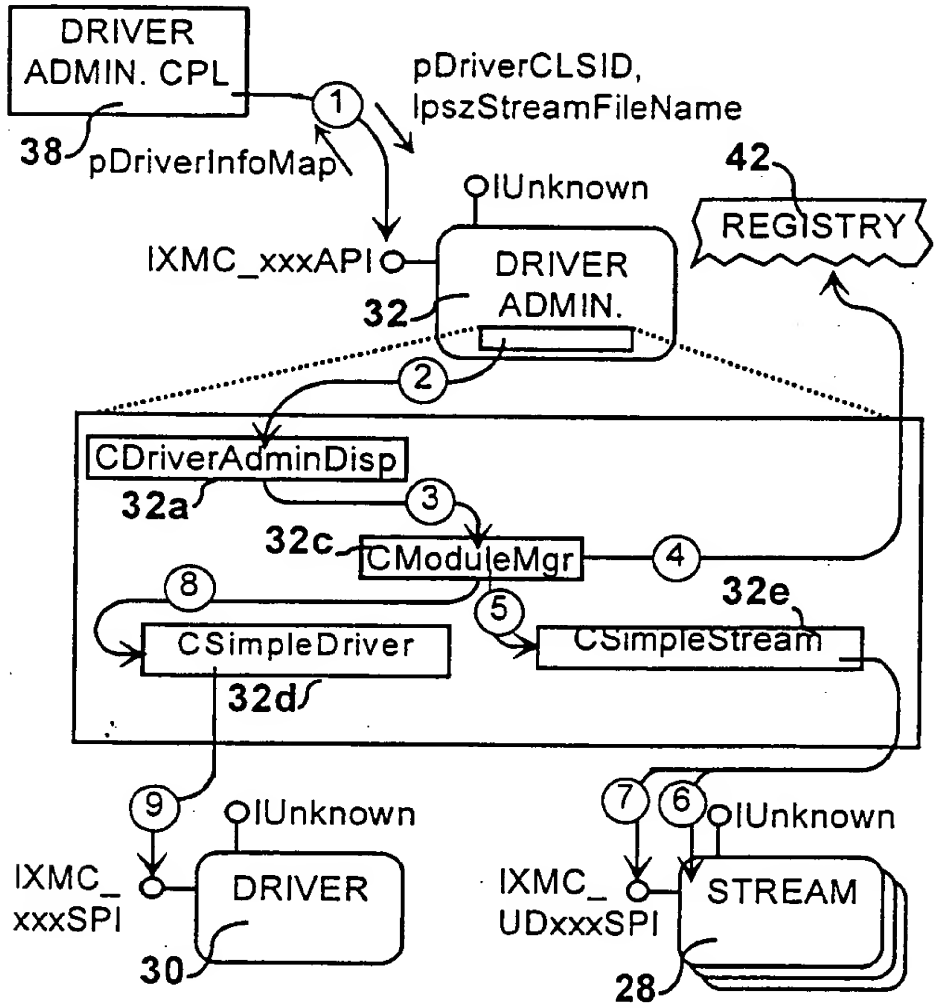
APPROVED BY DRAFTSMAN | CLASS | SUBCLASS

FIG. 43 Scenario-Map - Registering a Driver



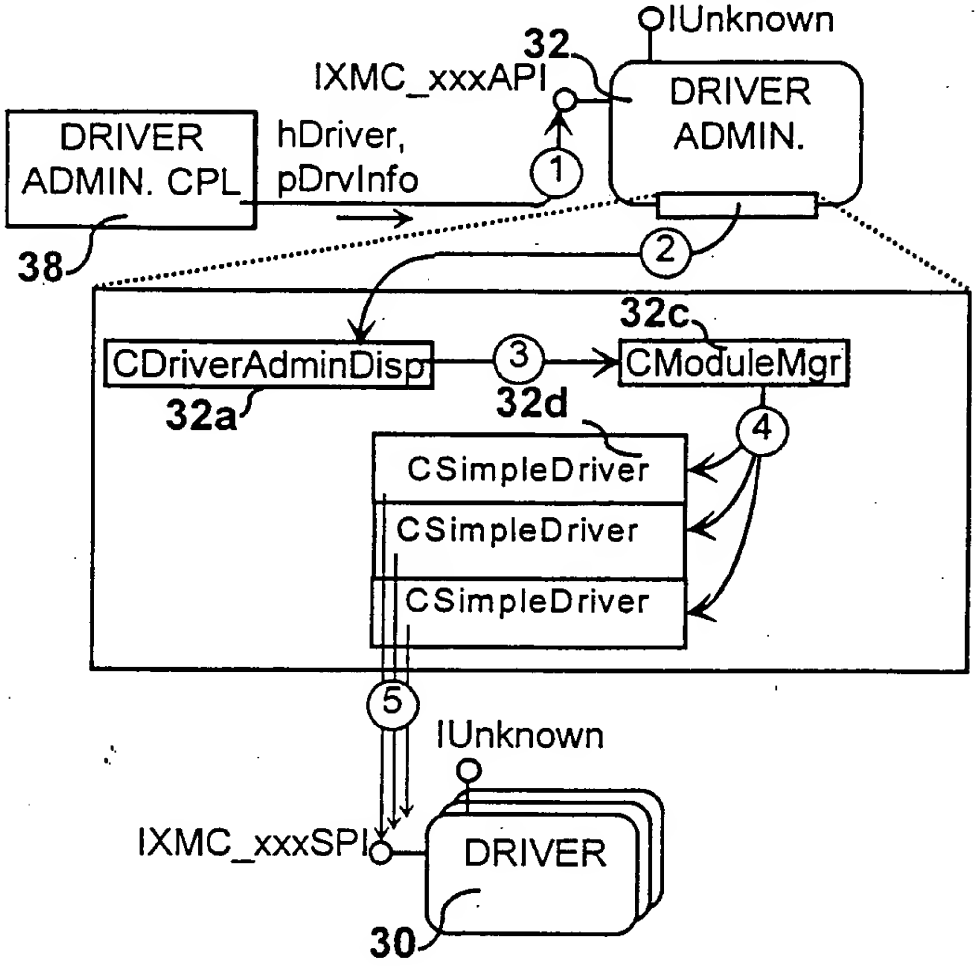
APPROVED BY DRAFTSMAN CLASS SUBCLASS

FIG. 44 Scenario-Map - Registering a Stream



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 45 Scenario-Map - Setting Driver Info.



APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

FIG. 46 Scenario-Map - Setting Stream Info.

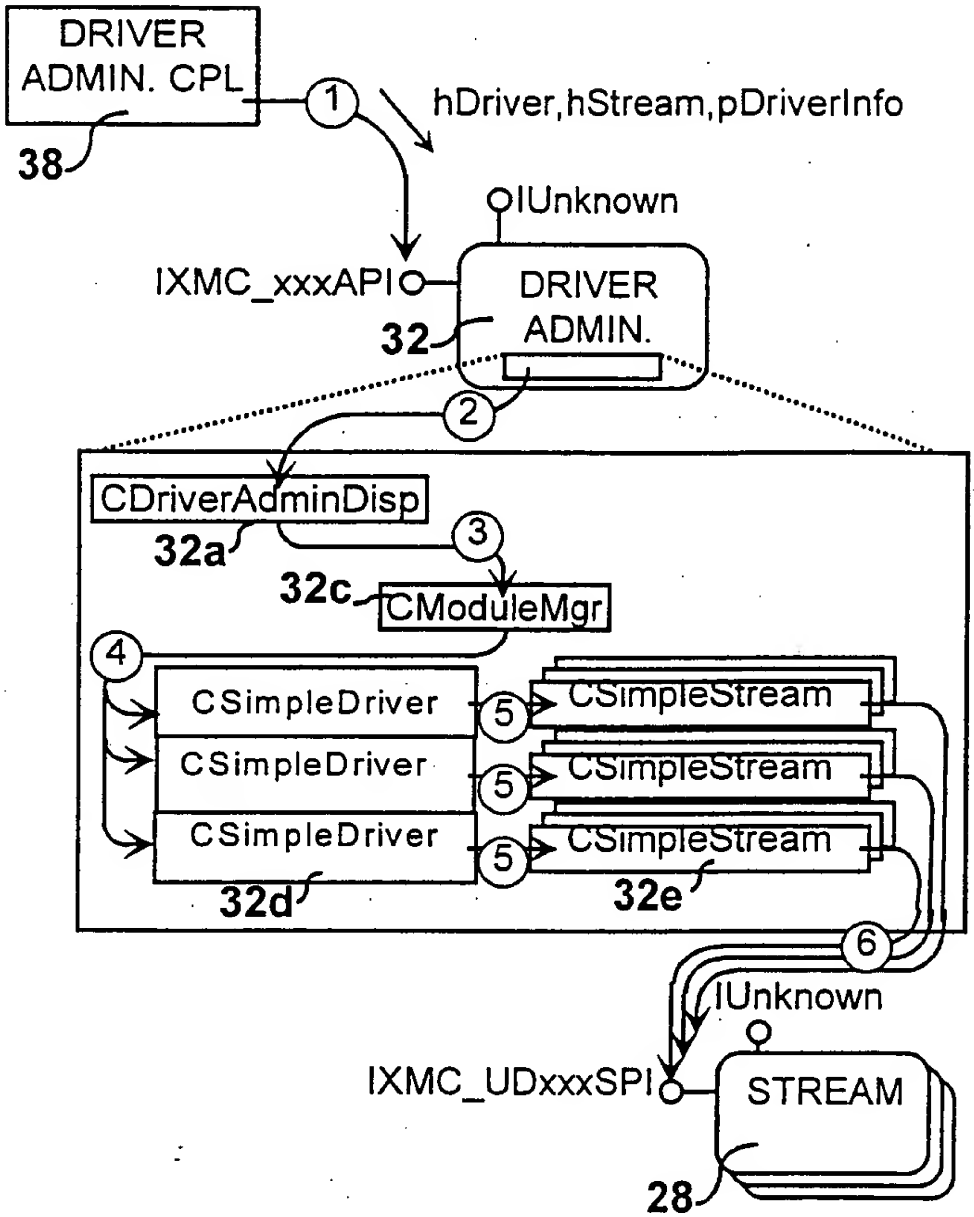


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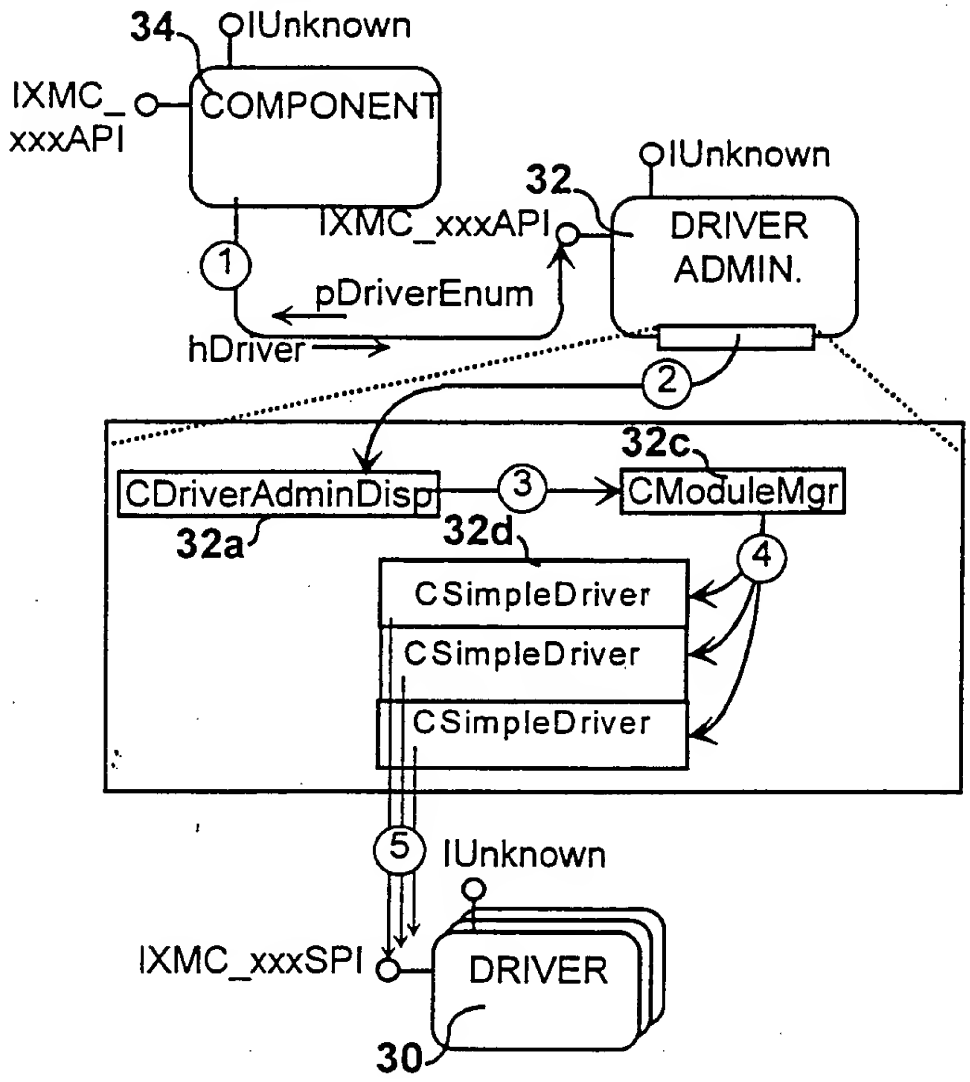
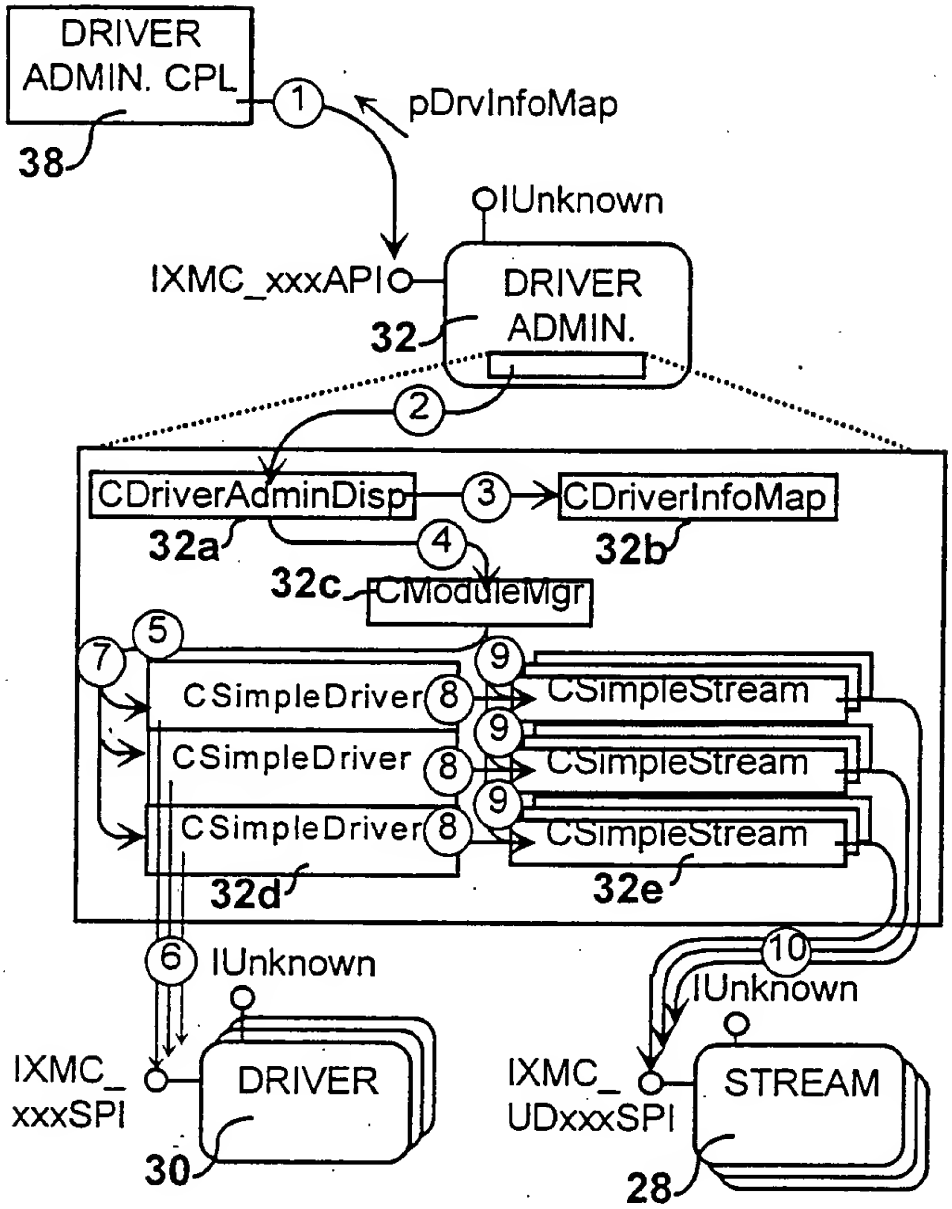
FIG. 47 Scenario-Map - Querying Driver Enum.



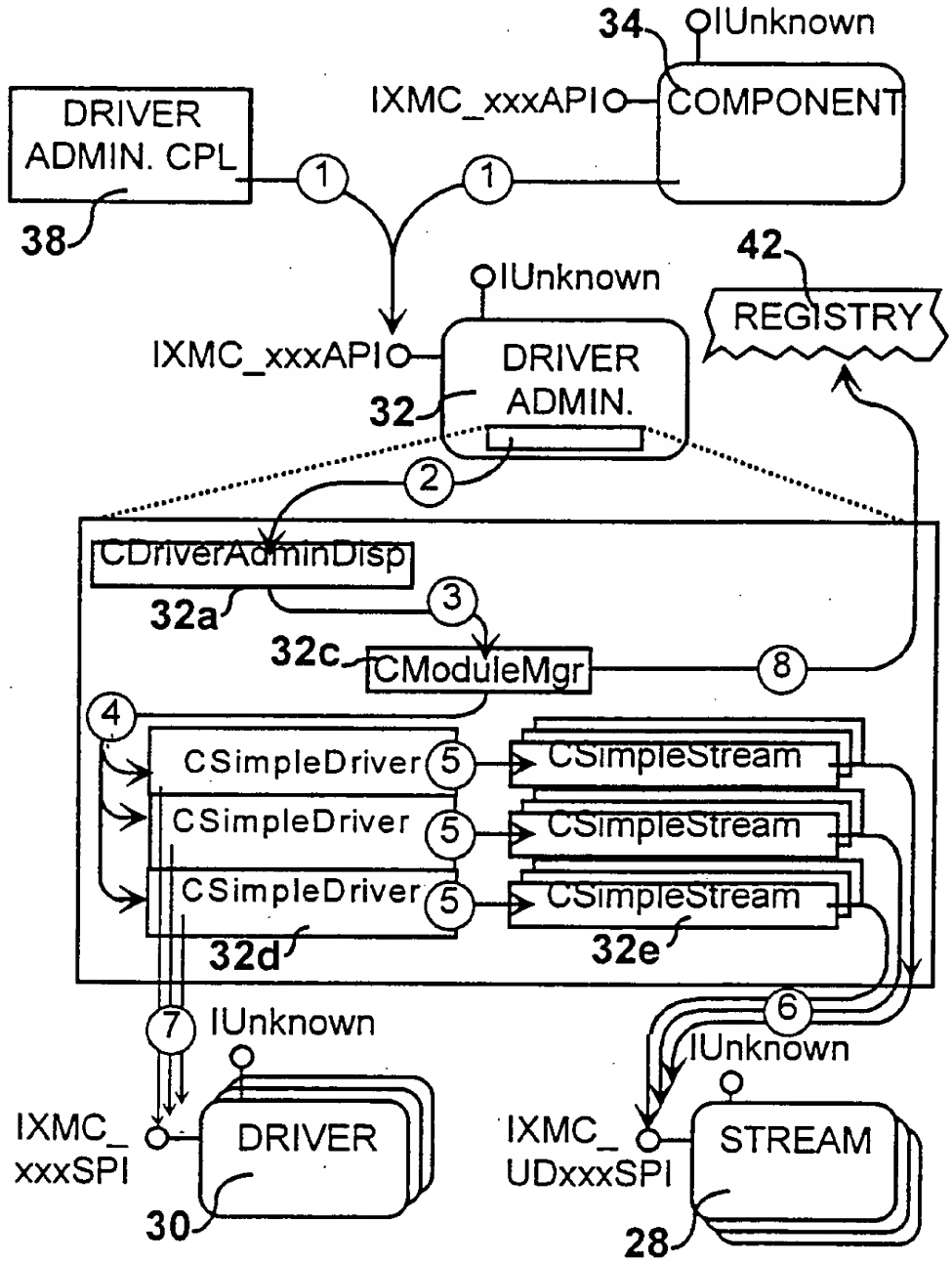
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 48 Scenario-Map - Querying Drv Info. Map



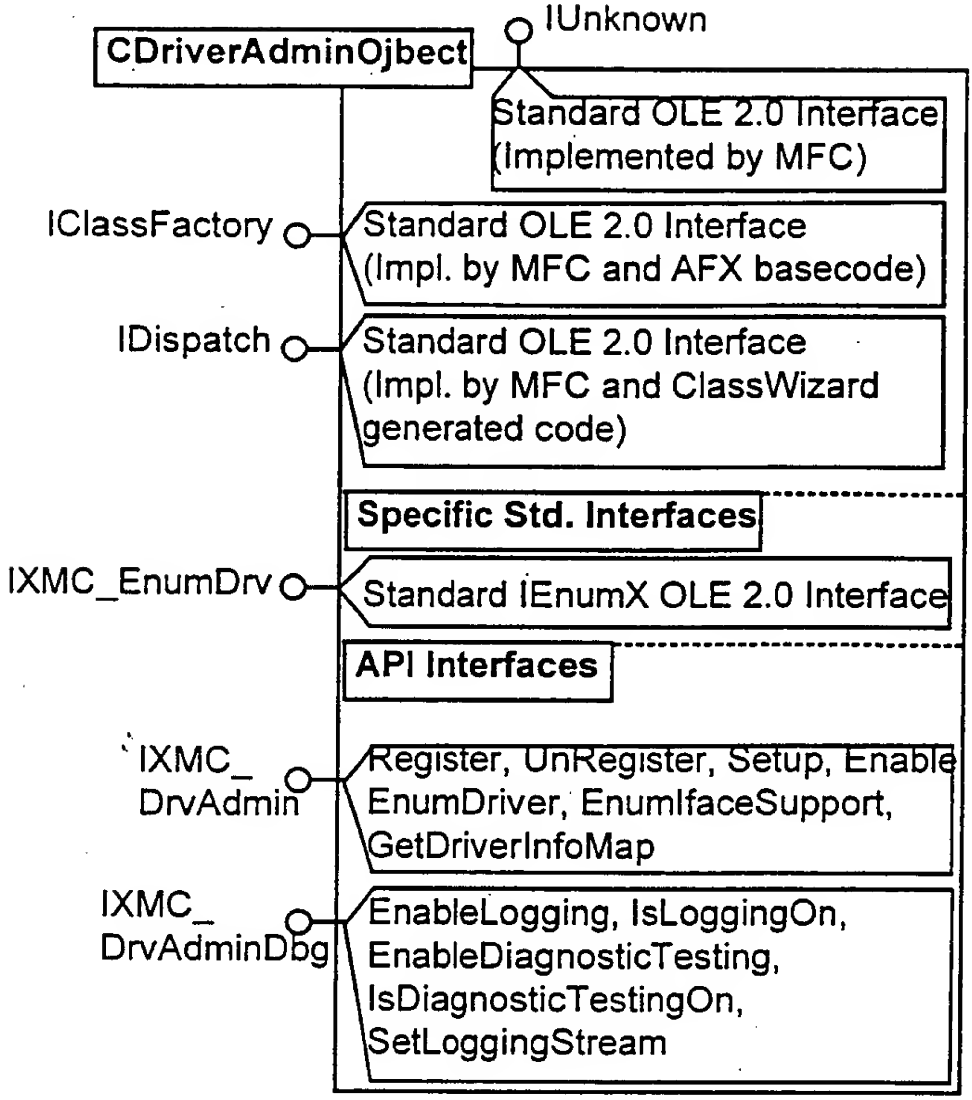
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 49 Scenario-Map - Clean-up



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 50 Interface-Map.



APPROVED O.G. FIG.
BY CLASS SUBCLASS
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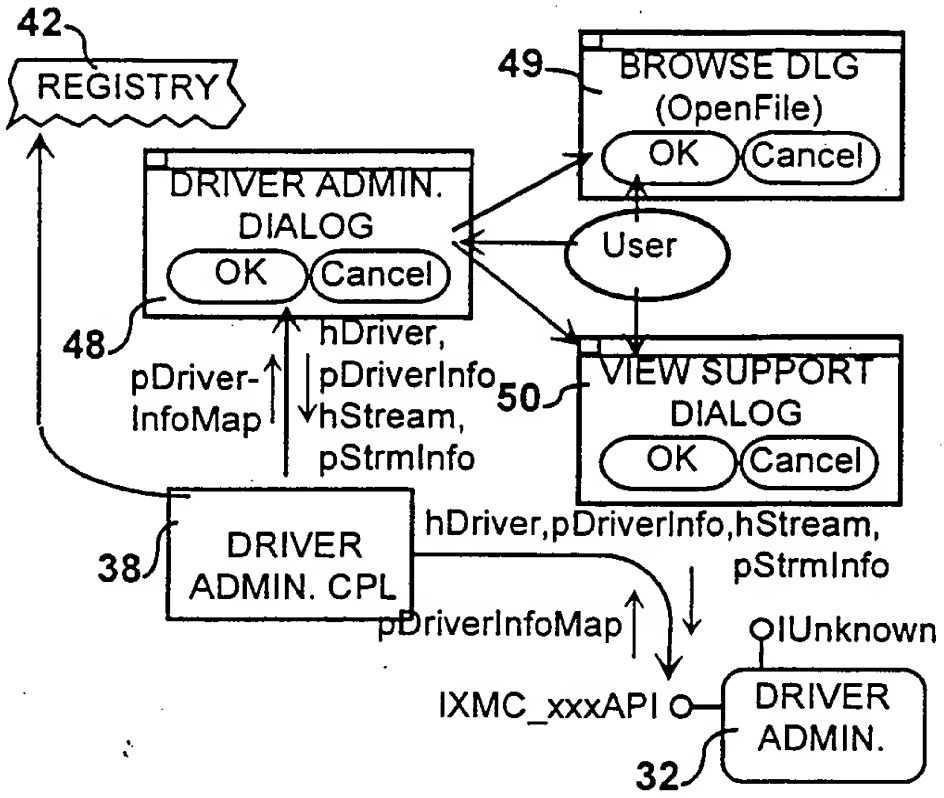
FIG. 51 Module Interaction-Map



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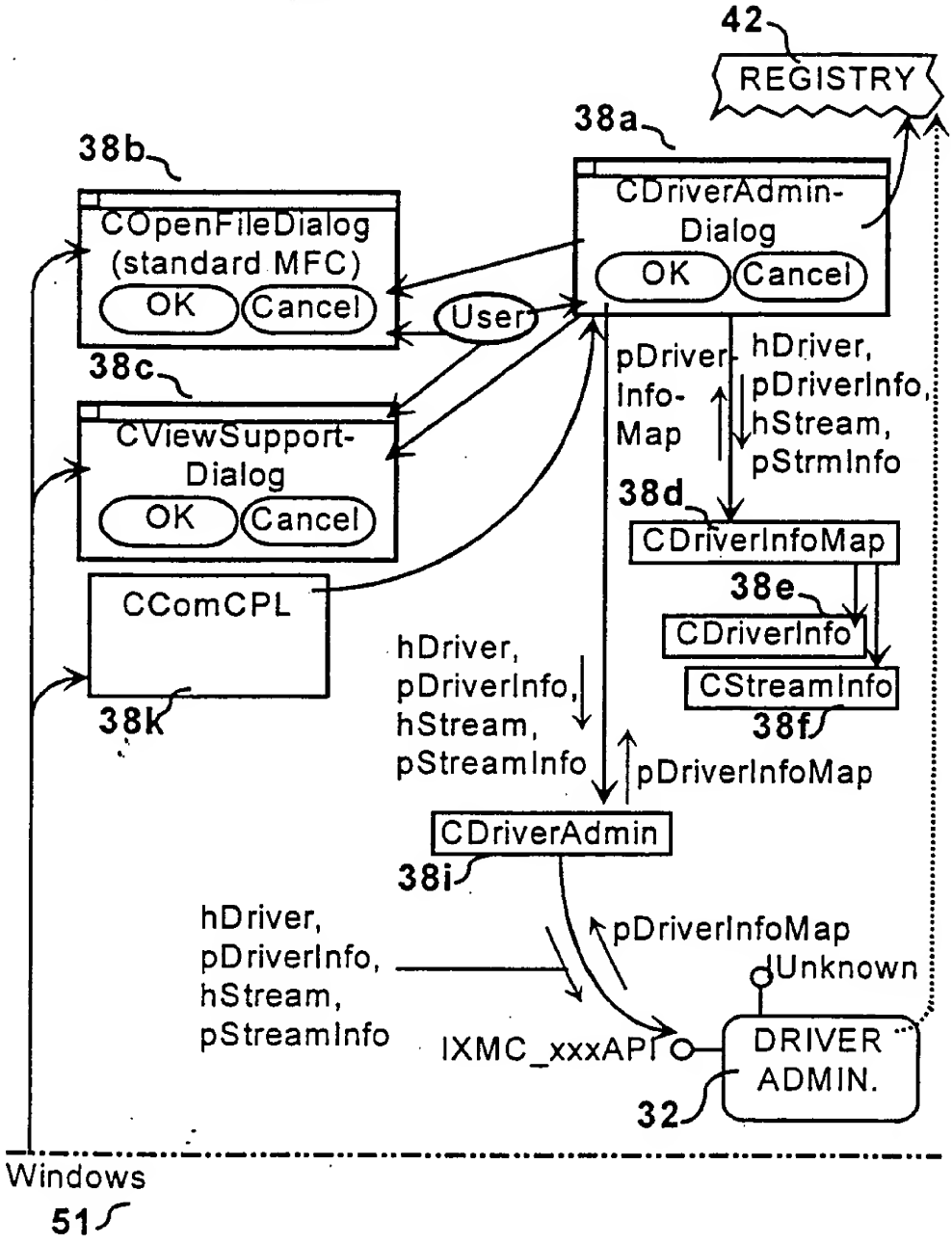
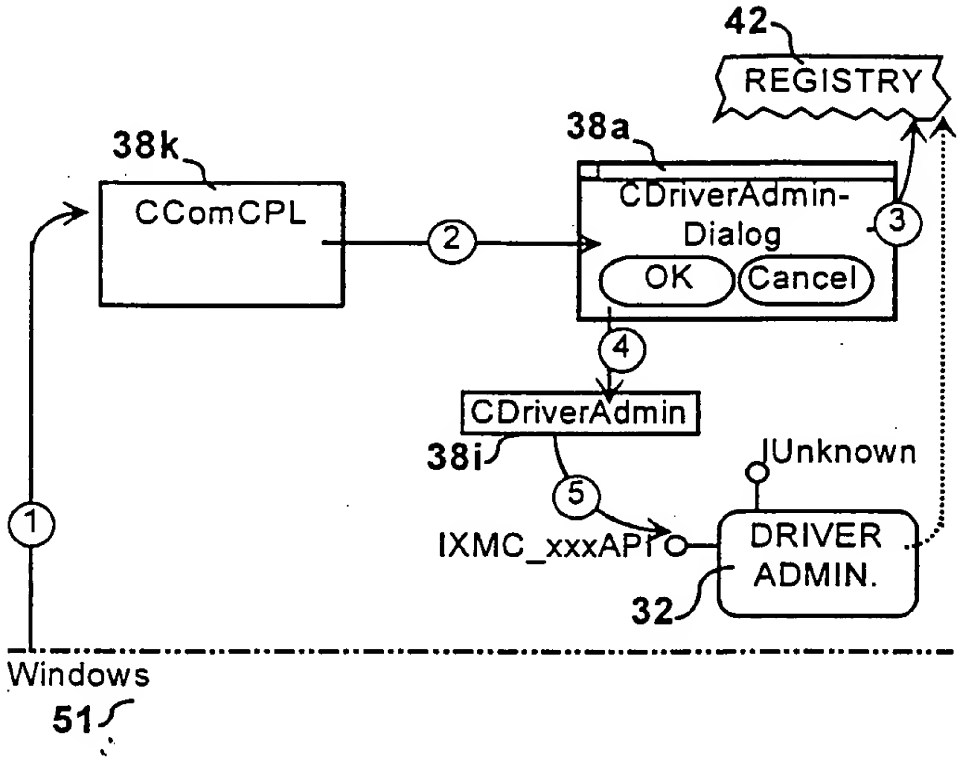
APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 52 Object Interaction-Map



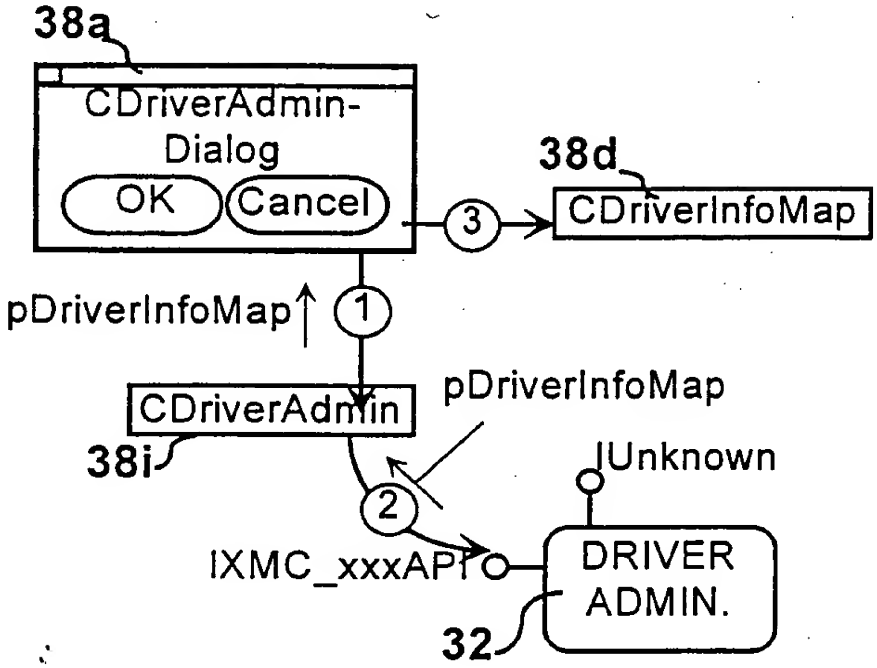
APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

FIG. 53 Scenario-Map - Initializing the App.



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 54 Scenario-Map - Main Dialog Init.



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APPROVED BY O.G. FIG. CLASS SUBCLASS DRAFTSMAN

FIG. 55 Scenario-Map - Adding a Driver

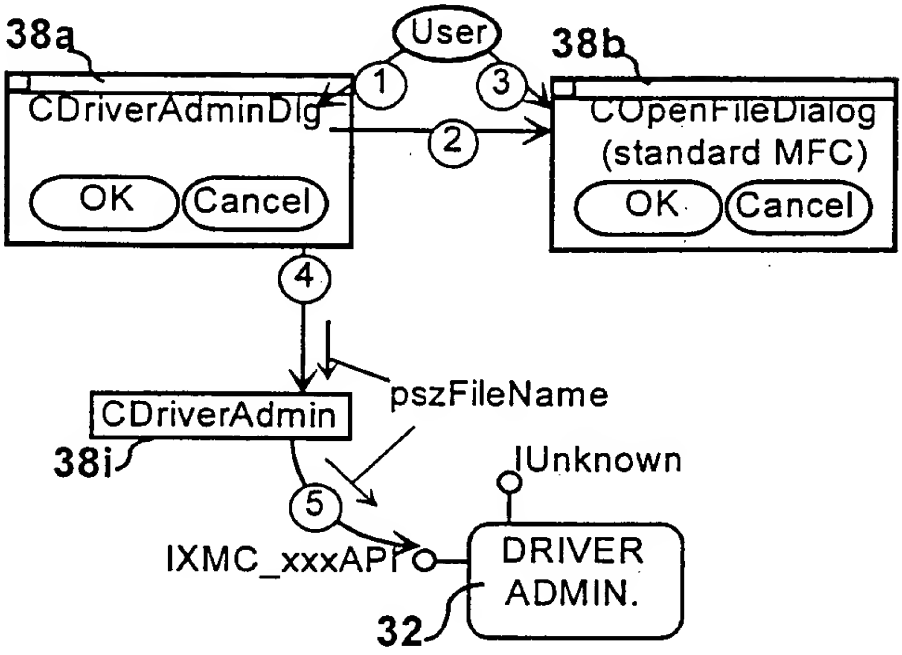
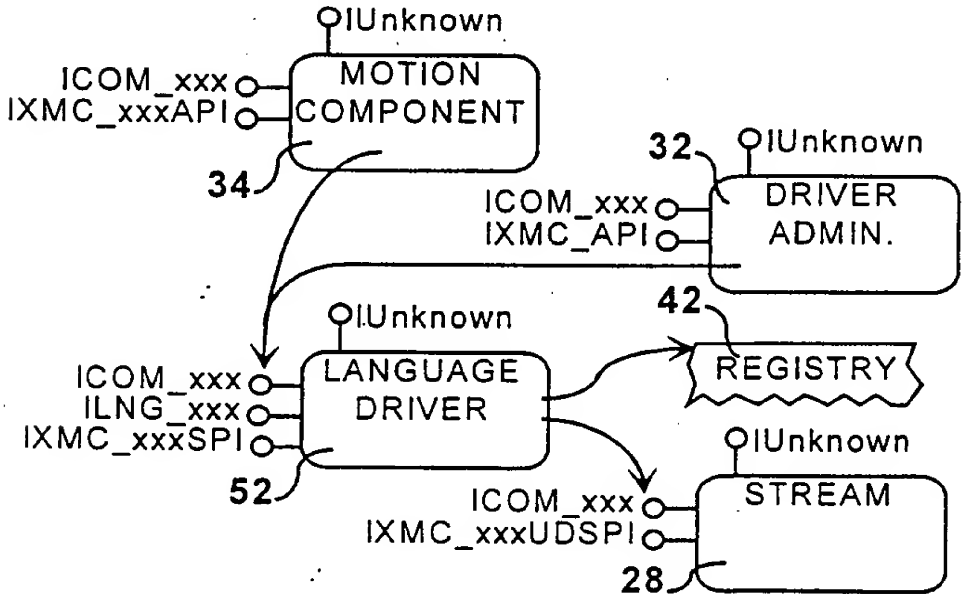
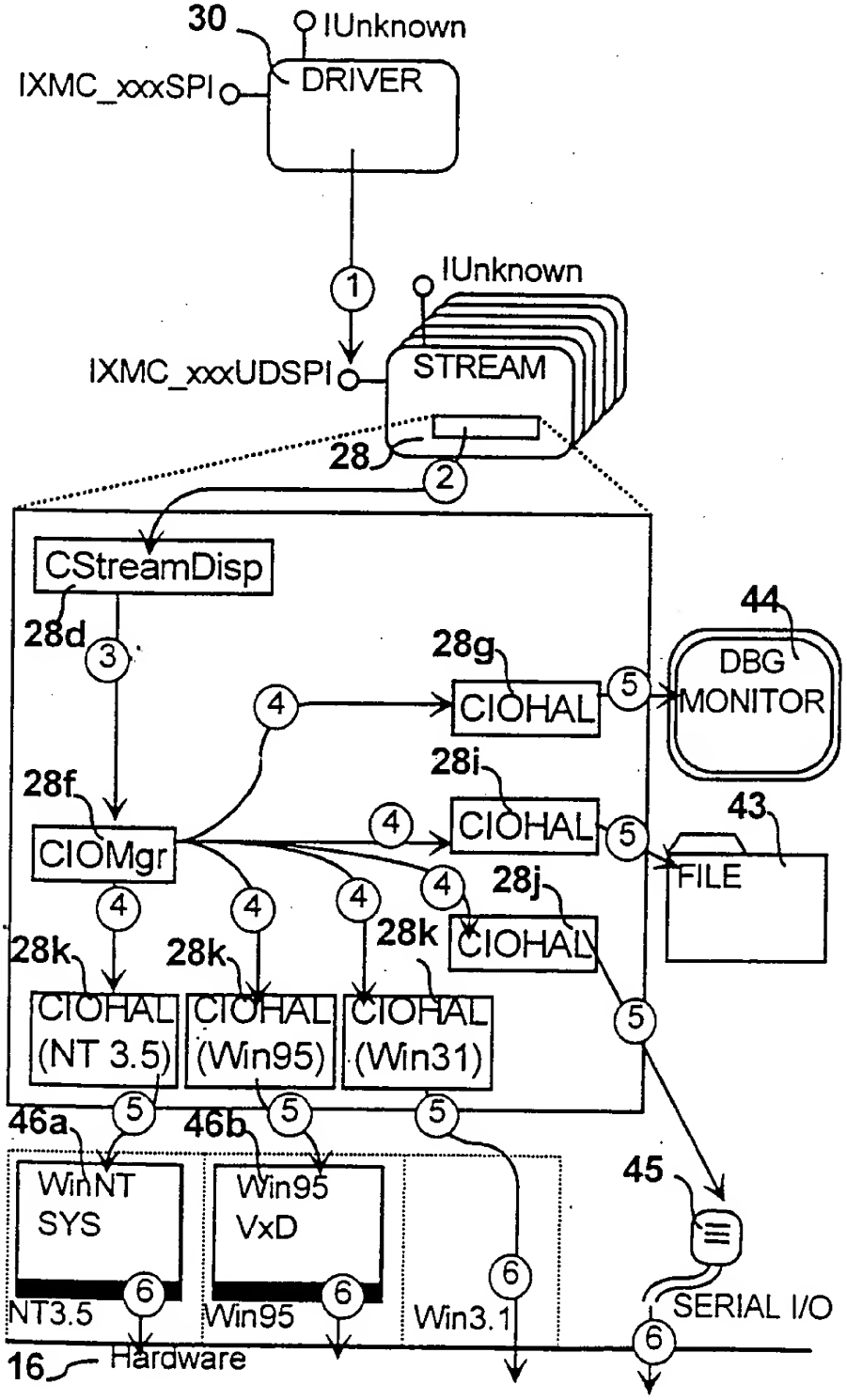


FIG. 58 Module Interaction-Map



APPROVED BY DRAFTSMAN O.G. F.G. CLASS SUBCLASS

FIG. 29 Scenario-Map - Opening the Stream



CLASS SUBCLASS
DRAFTSMAN

FIG. 56 Scenario-Map - Removing a Driver

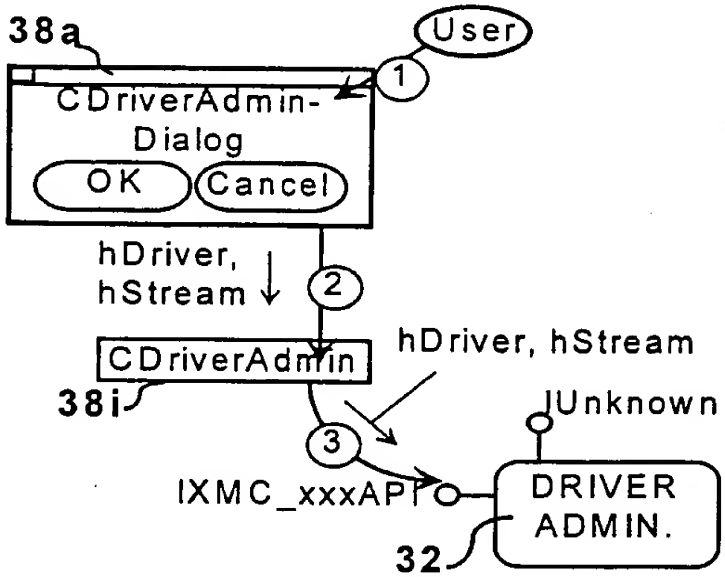


FIG. 57 Scenario-Map - View Support

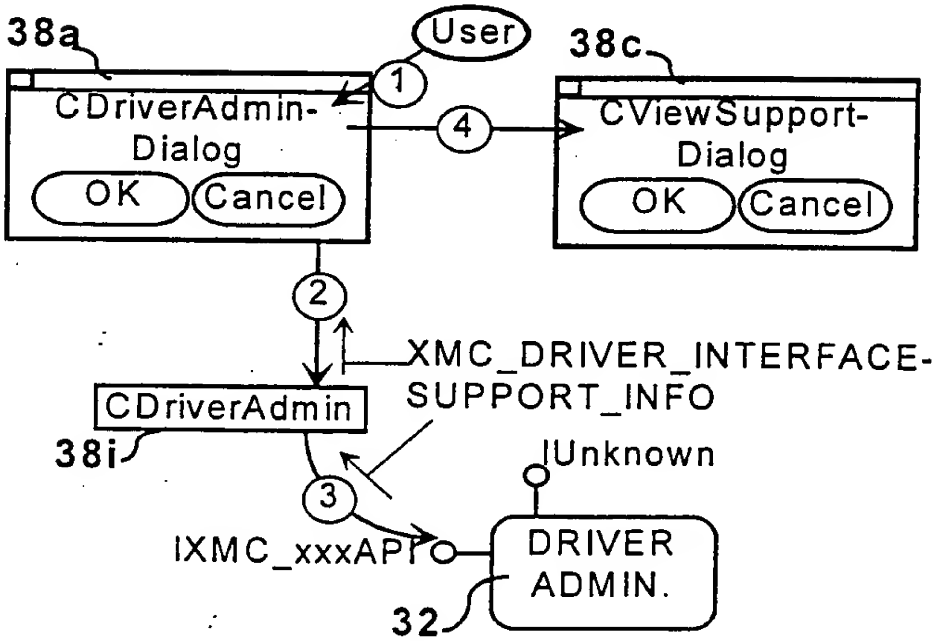


FIG. 67

<Custom> SPI Database						
Date	<date>		Command Data Types	Response Data Types	Function Type	Impl. Method
Name	<name>		%s = string	%s = string	CORE	NO_IMPL
Company	ROY-G-BIV Corporation		%lf = double	%lf = double	EXT	EMULATED
Hardware	<hardware>		%lu = ULONG or DWORD	%lu = ULONG or DWORD		DIRECT
			%u = WORD	%u = WORD		
			%d = int	%d = int		
			%b = BOOL (1 or 0)	%b = BOOL (1 or 0)		
			+ = continue previous type*	+ = continue previous type*		
			Command Macros	Response Macros		
NOTE: The '+' operator directs the parser to continue using the previous type until either: a.) The end of the format string is reached, or b.) the next type changes from number to string or vice-versa.			@[snd]	@[rcv]		
				@[cr]		
				@[lf]		
				@[crlf]		
TODO:	Replace the ICustom::Foo entry with your own SPI Interface(s), save the file as a Tab delimited text file, and import just the SPI data of the text file into your Resource File.					
NOTE:	*After copying the data below (between the COPY THIS DATA and END OF COPY) into your xxx_cmdb.bin resource file, you MUST make sure that a '\0x0a' character followed by a '\0x0d' character are at the very beginning of the data. In other words, when copying the data from the text file, MAKE SURE to start your copy just after the last '>' character in the '...>> COPY THIS DATA >>...' text.*					
Index	Interface Name	Function Name	HW Command Fmt	HW Response Fmt	TYPE	IMPLEMENTATION
>>>>>>>>>>>>	>>>>COPY THIS DATA>>>>>>>>>	*#>>(start at last '>' on this line)>>#*	>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>>>>>	>>>>>>>>>>>>>>>>>
0	ICustom	Foo	NOP@[snd]	@[rcv]	EXT	DIRECT
<<<<<<<<<<<<	<<<END COPY<<<<<<<<<<<<					

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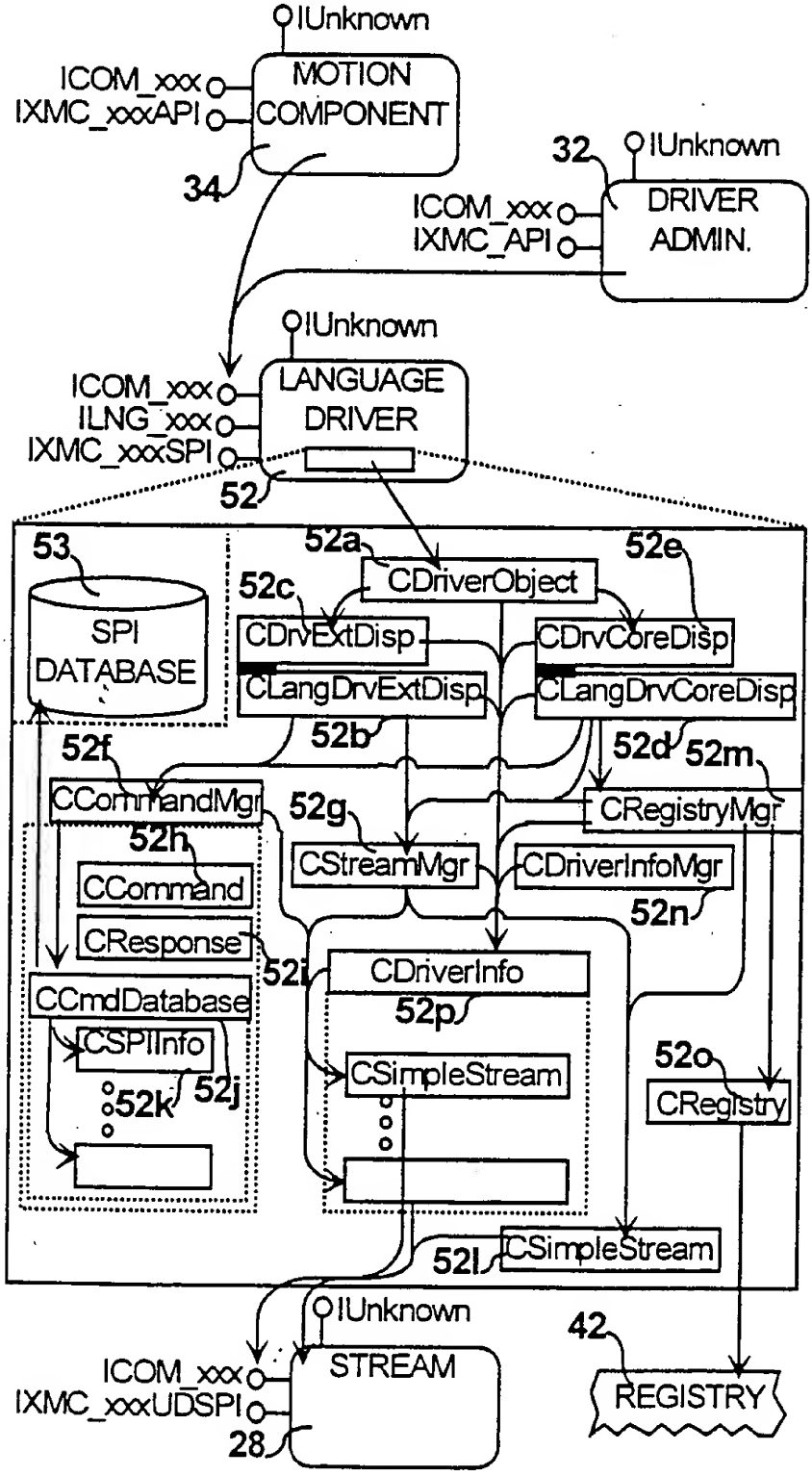
APPROVED O.I.P.G.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 59 Object Interaction-Map



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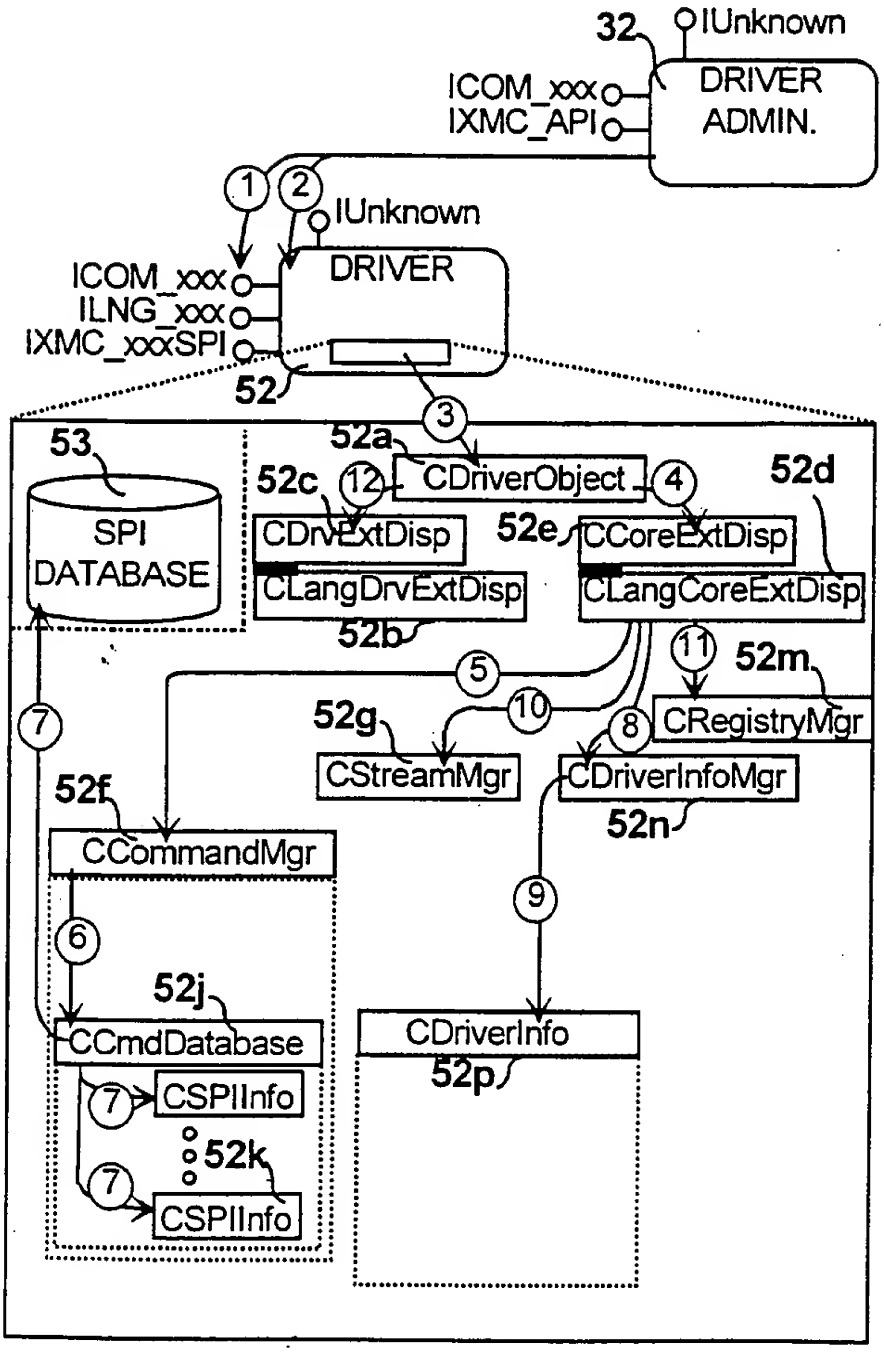
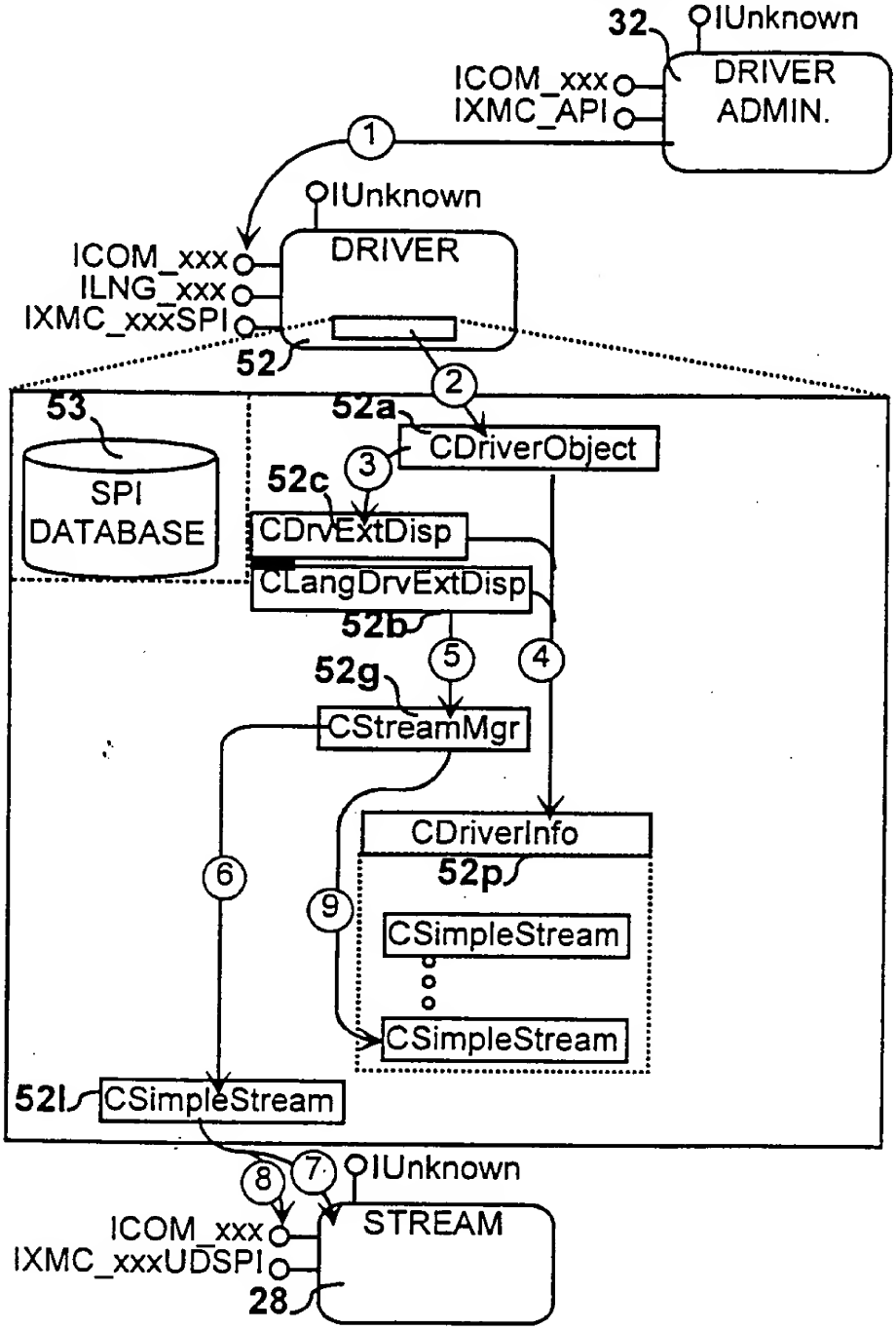
CLASS SUBCLASS

FIG. 60 Scenario-Map - Init. by Drv. Admin.



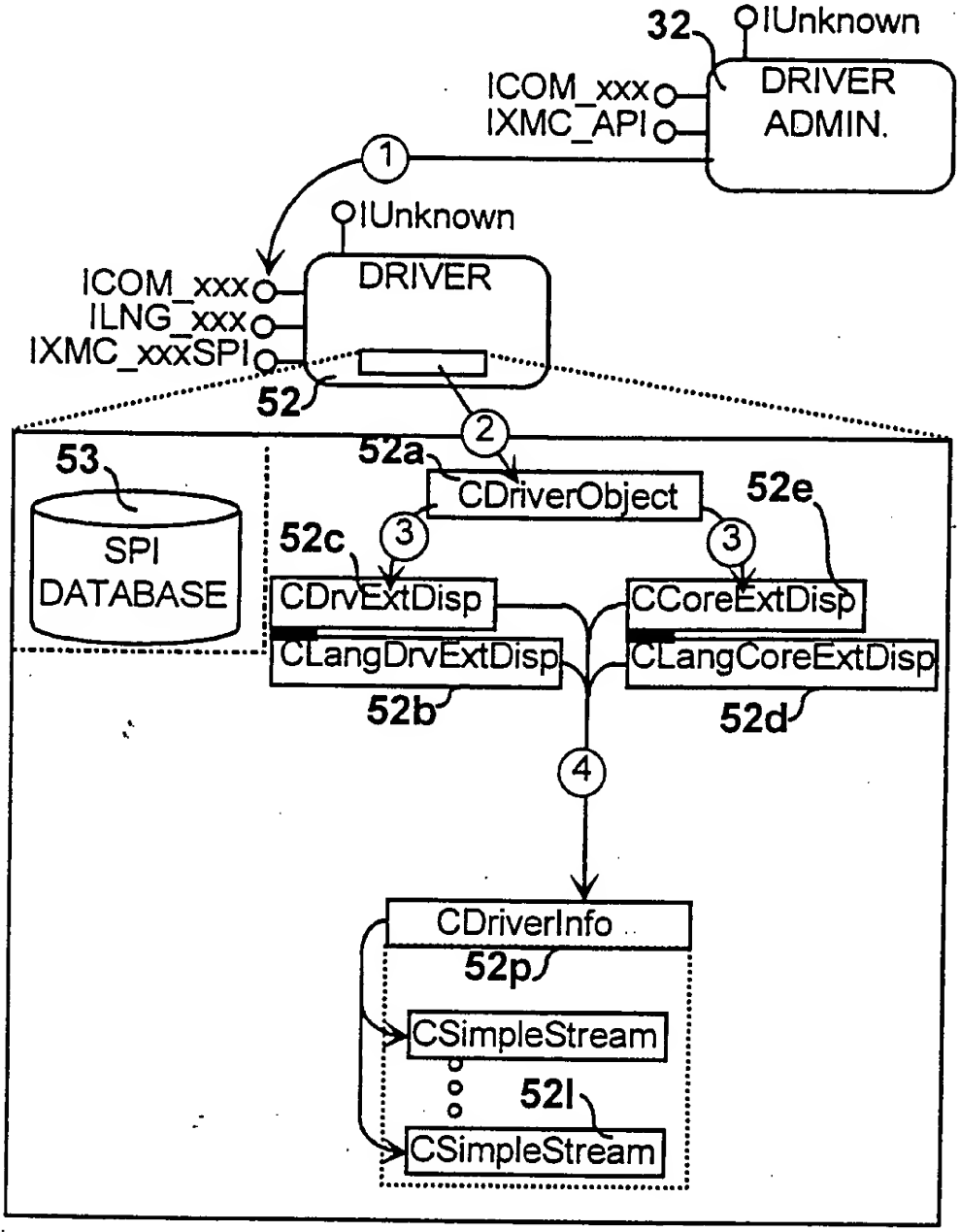
APPROVED BY DRAFTSMAN O.G. FIG. CLASS SUBCLASS

FIG. 61 Scenario-Map - Adding a Stream



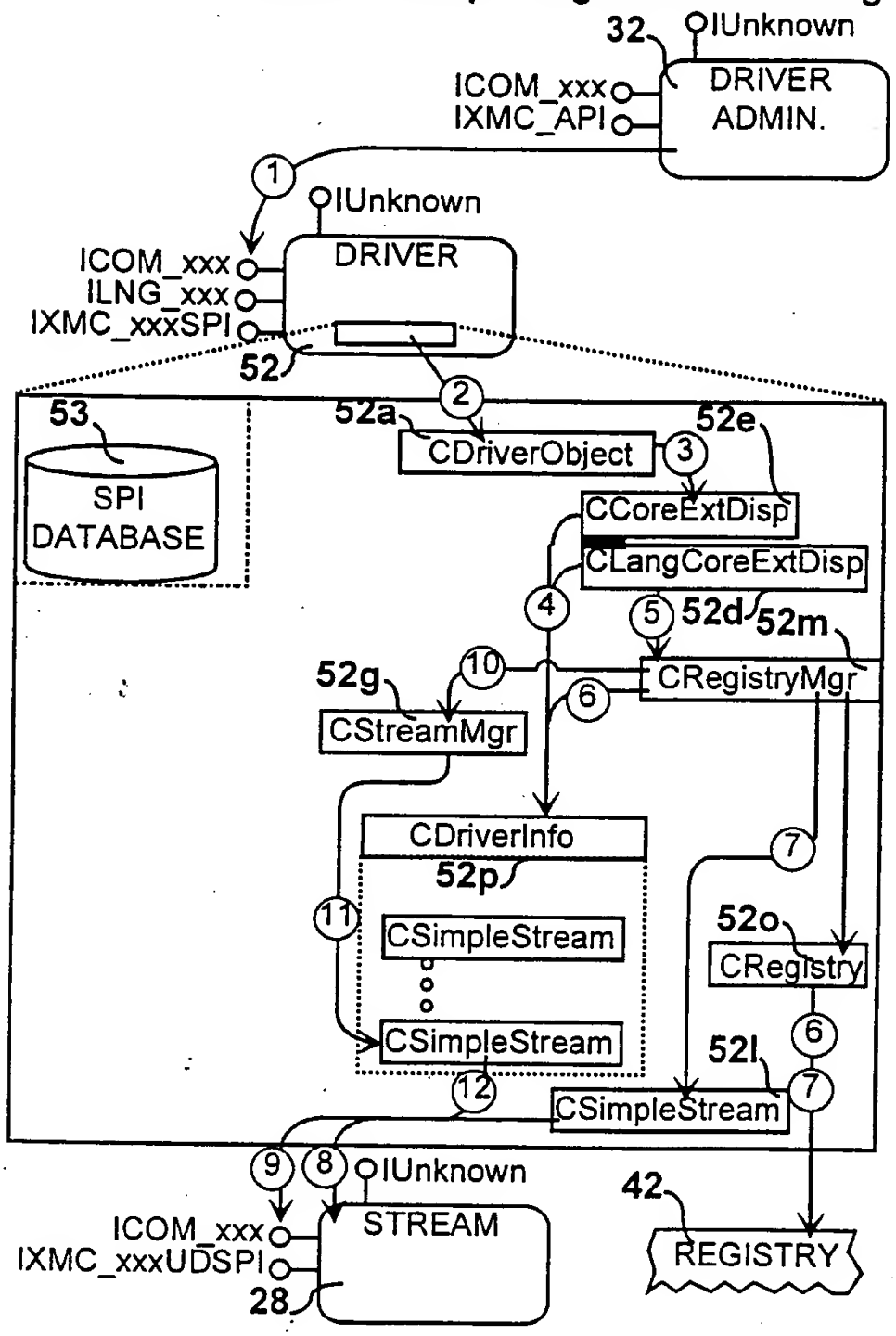
CLASS SUBCLASS

FIG. 62 Scenario-Map - Query Operation



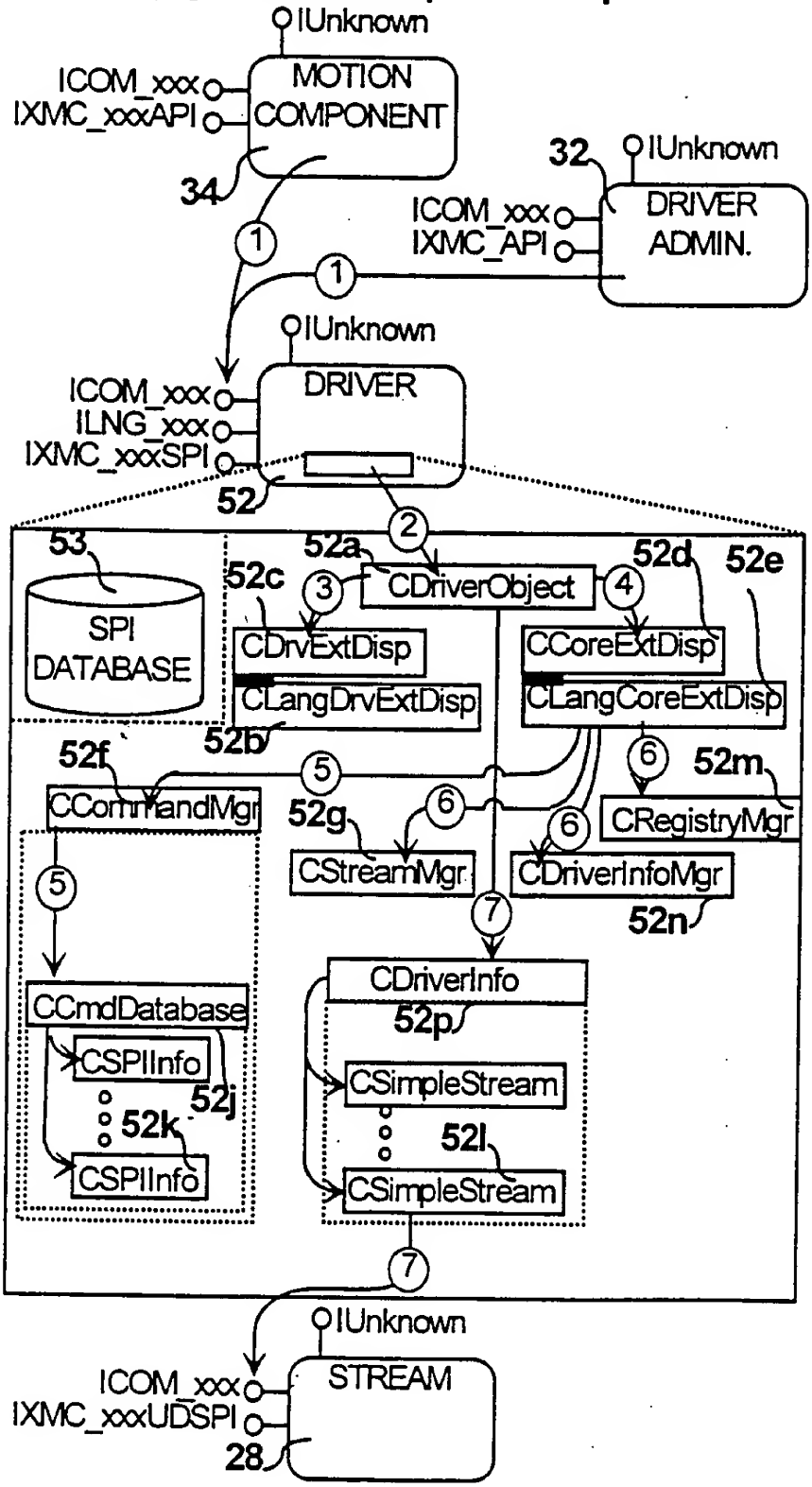
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 63 Scenario-Map - Registration loading



APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 64 Scenario-Map - Clean-up



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 65 Scenario-Map - Command Operation

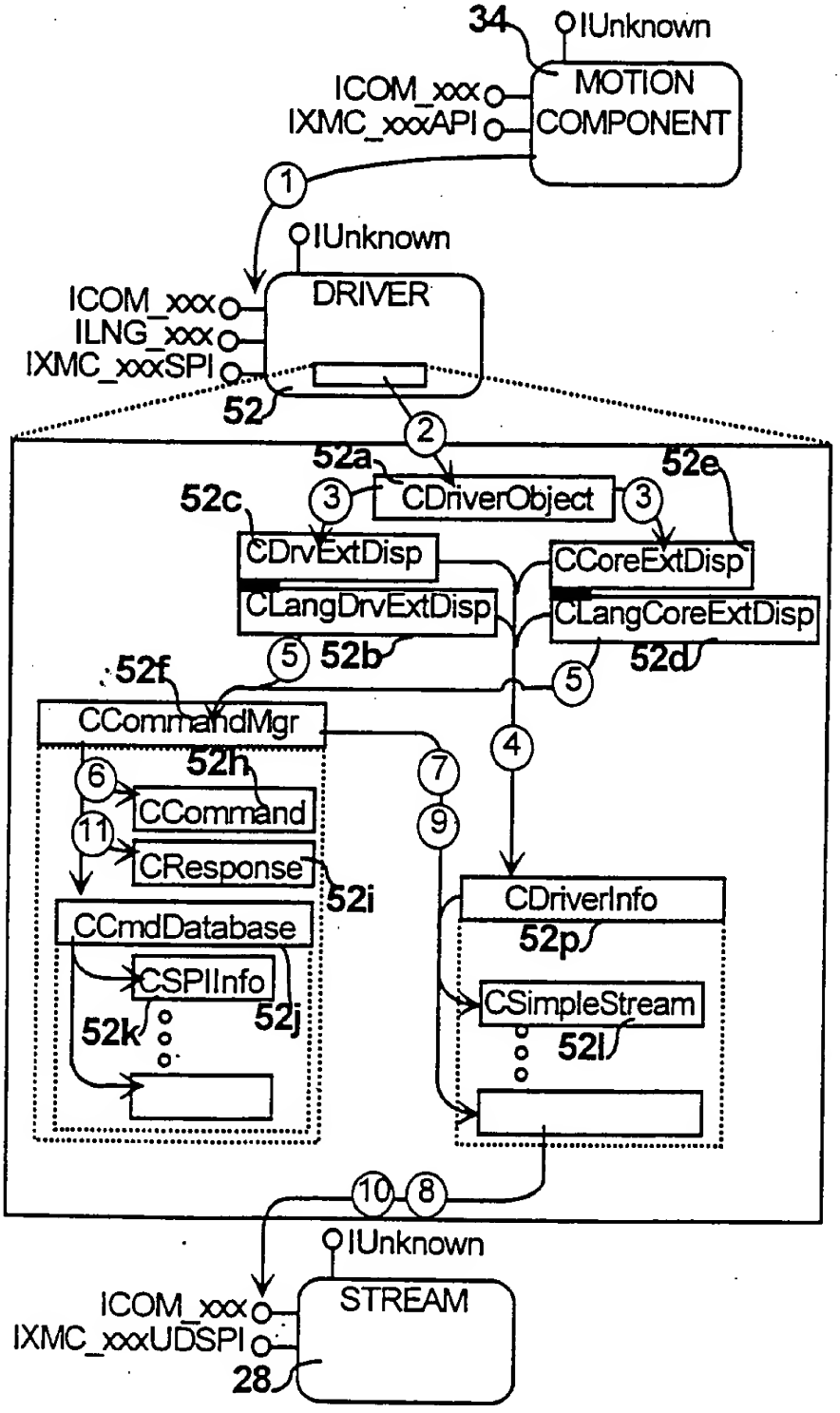


FIG. 12
CLASS 717 SUBCLASS 107
DRAFTSMAN

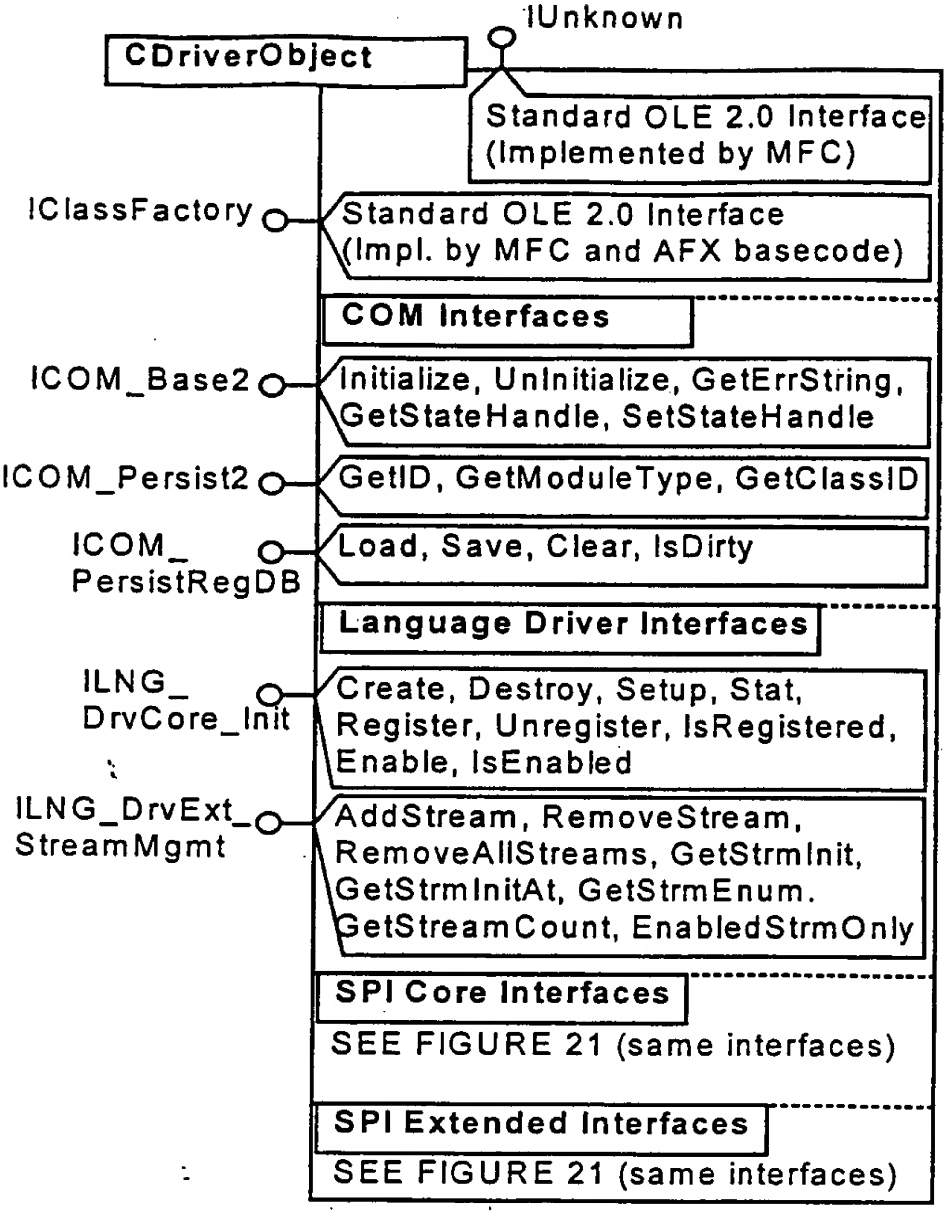



FIG. 66 Interface-Map